PHYSICS LETTERS

VOLUME 54B

MASTER INDEX OF VOLUMES 21B–50B

NORTH-HOLLAND PUBLISHING COMPANY
AMSTERDAM

PHYSICS LETTERS B

Editors
G.E. Brown, *Copenhagen*, P.M. Endt, *Utrecht*, R. Gatto, *Rome*,
J. Hamilton, *Copenhagen*, A.D. Jackson, *Stony Brook*, M. Jacob, *Geneva*,
L. Montanet, *Geneva*, E.J. Squires, *Durham*, M. Veltman, *Utrecht*, K. Winter, *Geneva*
Technical Editor: F.H. Varekamp, *Amsterdam*

PHYSICS LETTERS

PHYSICS LETTERS B

Editors
G.E. Brown, *Copenhagen*, P.M. Endt, *Utrecht*, R. Gatto, *Rome*,
J. Hamilton, *Copenhagen*, A.D. Jackson, *Stony Brook*, M. Jacob, *Geneva*,
L. Montanet, *Geneva*, E.J. Squires, *Durham*, M. Veltman, *Utrecht*, K. Winter, *Geneva*
Technical Editor: F.H. Varekamp, *Amsterdam*

PHYSICS LETTERS

MASTER INDEX OF VOLUMES 21B–50B

NORTH-HOLLAND PUBLISHING COMPANY

AMSTERDAM

© North-Holland Publishing Company, 1974. All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the Copyright owner.

Printed in the Netherlands

Aachen-Berlin-CERN-London-Vienna Collaboration, Spin parity structure of the Q and L enhancements in $K^- p \to (K^- \pi^- \pi^+)p$ at 10 and 16 GeV/c 49B (1974) 388
Aarons, J.C., see P. Doleschall 40B (1972) 605
Abarbanel, H.D.I., Asymptotic behaviour of single particle distributions in hadron collisions 34B (1971) 69
Abarbanel, H.D.I., M.B. Green, The vanishing of triple reggeon vertices 38B (1972) 90
Abarbanel, H.D.I., J.B. Bronzan, Structure of the vacuum singularity in Reggeon field theory 48B (1974) 345
Abarbanel, H.D.I., Spontaneous symmetry breaking in Reggeon field theory 49B (1974) 61
Abdullaeva, K., see O. Balea 39B (1972) 571
Abdullaeva, K., see Alma ... collaboration 48B (1974) 277
Abdul-Magd, A.Y., A diffraction model for quasielastic interactions 21B (1966) 187
Abdul-Magd, A.Y., K. El-Abed, M. El-Nadi, The Q-value dependence of the cross section of heavy ion reactions 39B (1972) 166
Abdulvagabova, S.K., S.P. Ivanova, N.I. Pyatov, Excitation of 0^+ states in two-particle transfer reactions 38B (1972) 215
Abdurakhimov, A., see O. Balea 39B (1972) 571
Abdurakhimov, A., see Alma ... collaboration 48B (1974) 277
Abdurakhmanov, E., see Alma ... collaboration 48B (1974) 277
Abers, E., H. Burkhardt, V. Teplitz, C. Wilkin, Regge pole dominance at high energies; an experimental test 21B (1966) 339
Abesalashivili, L., see O. Balea 39B (1972) 571
Abesalashivili, L., see Alma ... collaboration 48B (1974) 277
Abgrall, Y., E. Caurier, G. Monsonego, Intrinsic deformed states in ^{16}O 24B (1967) 609
Abgrall, Y., G. Baron, E. Caurier, G. Monsonego, The 8 particle - 8 hole rotational band in ^{16}O 26B (1967) 53
Abgrall, Y., G. Baron, E. Caurier, G. Monsonego, On possible non-axial structures in ^{24}Mg and ^{16}O 30B (1969) 376
Abgrall, Y., M. Bouten, E. Caurier, R. Erdahl, H. Friedrich, Y. Gambhir, B. Giraud, K. Göke, D. Justin, N. Mankoč-Borštnik, M.V. Mihailović, S.C.K. Nair, J. Da Providencia, M. Rosina, A. Weiguny, The Coulomb problem for scattering states in the generator coordinate method 43B (1973) 165
Abgrall, Y., see E. Caurier 44B (1973) 411
Abillon, J.M., A. Borg, M. Crozon, T. Leray, J.P. Mendiburu, J. Tocqueville, Backward elastic scattering from 875 to 1580 MeV/c 32B (1970) 712
Abolins, M.A., D.D. Carmony, R.L. Lander, O. Piccioni, N.-H. Xuong, P.M. Yger, Isospin of the A mesons 21B (1966) 584
Abolins, M.A., see P.M. Dauber 29B (1969) 609
Abolins, M.A., see J.S. Danburg 30B (1969) 270
Abov, Yu. G., P.A. Krupchitsky, M.I. Bulgakov, O.N. Yermakov, I.L. Karpikhin, Repeated experiment to observe the weak nucleon-nucleon interaction 27B (1968) 16
Abrahamian, L.O., A.O. Aganiants, F.V. Adamian, V.D. Danielian, N.A. Demiokhina, S.R. Gevorkian, M.Kh. Israelian, G. Kh. Kazariam, A.G. Khudaverdian, L.S. Khurshudian, A.N. Lebedev, J.V. Manukian, E.G. Muradian, A.M. Sirunian, H.A. Vartapetian, A.L. Vatian, Single $\pi^\pm$ photoproduction from complex nuclei at 2 and 3 GeV 38B (1972) 544
Abrahamian, L.O., A.O. Aganiants, F.V. Adamian, N.A. Demiokhina, S.R. Gevorkian, M.Kh. Israelian, G.Kh. Kazarian, A.G. Khudaverdian, L.S. Khurshudian, A.N. Lebedev, J.V. Manukian, E.C. Muradian, S. Piliposian, A.M. Sirunian, H.A. Vartapetian, A.L. Vatian, η-meson photoproduction on nuclei and determination of ηN interaction total cross-section 44B (1973) 301

Abrahamian, L.O., R.O. Avakian, A.O. Aganyants, F.V. Adamian, A.A. Armaganian, L.G. Arutunian, N.A. Demiokhina, G.M. Elbakian, G.Kh. Kazarian, A.G. Khudaverdian, L.S. Khurshudian, A.N. Lebedev, J.V. Manukian, R.Kh. Markarian, E.G. Muradian, S.E. Pilipossian, A.M. Sirunian, H.A. Vartapetian, π^0 and π^+ production with polarized photons in the energy range 1–2 GeV 48B (1974) 463
Abrahams, K., J. Kopecký, F. Stecher-Rasumussen, Negative energy resonances and potential capture in the ^{59}Co(n, γ) reaction 32B (1970) 605
Abrahams, K., see A.M.F. Op den Kamp 39B (1972) 204
Abramovich, M., A.C. Irving, A.D. Martin, C. Michael, Amplitude analysis from decay correlations; application to $\pi^- p \to K^{*0} \Lambda$ at 3.9 GeV/c 39B (1972) 353
Abramovski, V.A., O.V. Kancheli, S.G. Matinyan, Inclusive processes at large transferred momenta 36B (1971) 565
Abrams, R.J., R.L. Cool, G. Giacomelli, T.F. Kycia, K.K. Li, D.N. Michael, Further structure in K^+N, $I = 0$ total cross section 30B (1969) 564
Abrams, R.J., A.S. Carroll, T.F. Kycia, K.K. Li, D.N. Michael, P.M. Mockett, R. Rubinstein, Search for the decay $\pi^0 \to 4\gamma$ 45B (1973) 66
Abramson, E., I. Plesser, Z. Vager, Enhanced $d_{5/2}$ decay of the analogue resonance of the ^{107}Cd ground state to the first excited state of ^{106}Cd 26B (1967) 723
Abramson, E., I. Plesser, Z. Vager, J.P. Wurm, Decay amplitudes of analogue resonances by (p, p'γ) correlation methods 29B (1969) 304
Abramson, E., G. Engler, Z. Vager, N. Cue, I. Plesser, G.F. Wheeler, A comparison of spectroscopic factors from ^{95}Mo(d, t)^{94}Mo and ^{94}Mo(p, p'γ)^{94}Mo experiments 38B (1972) 70
Abulaffio, C., J.M. Irvine, The alpha-cluster ground state of ^{16}O 38B (1972) 492
Abul-Magd, A.Y., Influence of the L-space localization of stripping reactions on their angular distributions 24B (1967) 325
Abul-Magd, A.Y., G. Alberi, L. Bertocchi, Absorption cross-sections of high-energy hadrons on nuclei 30B (1969) 182
Abul-Magd, A.Y., M. El-Nadi, M.H. Simbel, Determination of the optical potentials in terms of diffraction-model parameters 34B (1971) 566
Acharya, R., Weinberg's sum rule and spectra of spin $1^\pm$ mesons 24B (1967) 623
Acharya, R., H.H. Aly, Derivation of $F_K/F_\pi = 1$ 27B (1968) 166
Achasov, N.N., A.A. Kozhevnikov, G.N. Shestakov, An anomalous interference in the reaction $e^+e^- \to 3\pi$ 50B (1974) 448
Achterath, A.D., see W.R. Hering 26B (1967) 568
Ackermann, F., E.W. Otten, G. Zu Putlitz, A. Schenck, S. Ullrich, Nuclear quadrupole moments of the neutron deficient isotopes ^{131}Cs and ^{132}Cs 26B (1967) 367
Ackermann, H., D. Dubbers, J. Mertens, A. Winnacker, P. Von Blanckenhagen, Beta decay anisotropy and nuclear magnetic resonance of 14 s ^{116}In produced by capture of polarized neutrons 29B (1969) 485
Ackermann, H., D. Dubbers, M. Grupp, P. Heitjans, G. Zu Putlitz, H.-J. Stöckmann, Static electric quadrupole interaction of the β-emitter ^{20}F produced by capture of polarized neutrons in MgF_2 single crystals 41B (1972) 143
Ackermann, H., et al., Erratum 44B (1973) 257
Acosta, V., see D.F. Ryan 21B (1966) 475
Adachi, M., see H. Taketani 26B (1968) 660; 27B (1968) 222, 499; 28B (1968) 37
Adám, A., P. Hraskó, G. Pálla, Anomaly of small angle neutron scattering by ^{238}U 22B (1966) 475
Adam, A., Y. Cassagnou, P. Foissel, J. Gastebois, C. Levi, L. Papineau, Analogue states of the deformed ^{173}Yb and ^{175}Yb nuclei 25B (1967) 122

Adam, Gh., see L. Gr. Ixaru 35B (1971) 293
Adamian, F.V., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301; 48B (1974) 463
Adamov, V.M., L.V. Drapchinsky, S.S. Kovalenko, K.A. Petrzhak, L.A. Pleskachevsky, I.I. Tyutyugin, Polar light particle emission in spontaneous fission of ^{252}Cf 48B (1974) 311
Adamović, O., M. Jurić, S. Popov, J. Siminović, Mesic decay of hyperfragments produced by K^- mesons of 1.5 GeV/c 21B (1966) 716
Adamović, O., see Barcelona ... collaboration 48B (1974) 467
Adeev, G.D., P.A. Cherdantsev, I.A. Gamalya, Energy surfaces of ^{238}U in parametrization of Cassinian ovaloids 35B (1971) 125
Adeev, G.D., P.A. Cherdantsev, Dependence of mass fission assymetry on the compound excitation energy 39B (1972) 485
Adelberger, E., A.B. McDonald, Lowest $T = 2$ states in ^{20}Ne and ^{24}Mg 24B (1967) 270
Adelberger, E.G., C.A. Barnes, $T = \frac{3}{2}$ levels in ^{17}F 23B (1966) 474
Adelberger, E.G., A.B. McDonald, T.A. Tombrello, F.S. Dietrich, A.V. Nero, A lower limit on the mass of ^{5}Be 25B (1967) 595
Adelberger, E.G., see A.B. McDonald 26B (1967) 380; 31B (1970) 119
Adelberger, E.G., see D. Burch 40B (1972) 357
Ädelroth, K.E., see C. Ekström 26B (1967) 146
Ademollo, M., R. Gatto, G. Longhi, G. Veneziano, The $SU(6)_W$ algebra at infinite momentum, its tensor charges, and electric dipoles 22B (1966) 521
Ademollo, M., H.R. Rubinstein, G. Veneziano, M.A. Virasoro, Reciprocal bootstrap of the vector and tensor trajectories from superconvergence 27B (1968) 99
Ader, J.P., C. Meyers, B. Bonnier, General features of low energy $K\pi$ scattering from physical region method 46B (1973) 403
Aderholz, M., J. Bartsch, E. Keppel, K. Rumpf, R. Speth, C. Grote, J. Klugow, H.W. Meier, D. Pose, M. Bardadin-Otwinowska, V.T. Cocconi, E. Flaminio, J.D. Hansen, H. Hromadnik, G. Kellner, M. Markytan, D.R.O. Morrison, D.P. Dallman, S.J. Goldsack, M.E. Mermikides, N.C. Mukherjee, W.W. Neale, A. Fröhlich, G. Otter, I. Wacek, H. Wahl, K^-p elastic scattering at 10 GeV/c 24B (1967) 434
Aderholz, M., J. Bartsch, M. Deutschmann, G. Kraus, R. Speth, C. Grote, K. Lanius, S. Nowak, M. Walter, H. Böttcher, T. Byer, V.T. Cocconi, J.D. Hansen, G. Kellner, A. Mihul, D.R.O. Morrison, V.I. Moskalev, H. Tofte, Experimental evidence from π^+p reactions at 8 GeV/c against the hypothesis of pion Regge conspiracy plus factorisation 27B (1968) 174
Adhikari, S.K., R.D. Amado, Parametrization of the three-body D-function 40B (1972) 11
Adilov, G.T., see A.A. Derevchekov 48B (1974) 367
Adjuk, Z., R. Stroynowski, Influence of spin and phase effects on the overlap function in the reaction $\pi^+p \to \rho^+p$ 30B (1969) 179
Adler, D.T., see J.A. Johnson 29B (1969) 420; 31B (1970) 572
Adloff, J., see S. Gorodetzky 22B (1966) 505
Adloff, J.C., see S. Gorodetzky 24B (1967) 578
Afanasyev, N.G., see I.S. Gulkarov 27B (1968) 417
Afanasyev, N.G., see V.M. Khvastunov 28B (1968) 119
Afanasyev, N.G., see Yu.I. Titov 37B (1971) 422
Afanasyev, V.D., see V.M. Khvastunov 28B (1968) 119
Afnan, I.R., F.J.D. Serduke, Off-shell effects in the three-nucleon bound state 44B (1973) 143
Afnan, I.R., see A.W. Thomas 45B (1973) 437
Aframe, A., see D. Sperber 41B (1972) 574
Afzal, S.A., Modified shell model wave function and the binding energy of ^{4}He 39B (1972) 478

Aganyants, A.O., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301; 48B (1974) 463
Aganyants, A.O., Yu.D. Bayukov, V.N. Deza, S.V. Donskov, V.B. Fedorov, N.A. Ivanova, V.D. Kohvansky, V. M. Koybasov, G.A. Leksin, V.L. Stolin, L.S. Vorobyev, The investigation of the mechanism of $^{12}C(\pi^-,\pi^-p)^{11}B$ reaction at the π^- momentum 1.04 GeV/c 27B (1968) 590
Agasian, E.O., see M. Ya. Balatz 26B (1967) 320
Agassi, D., R. Schaeffer, Exchangeforces and antisymmetrization in a microscopic D.W.B.A. calculation of (p, p′) scattering 26B (1967) 703
Agassi, D., Z. Vagar, Compound contributions to nuclear reactions involving the analogue resonance 46B (1973) 160
Agranovich, V.L., see Yu.P. Antoufiev 42B (1972) 347
Agresti, D., see B. Persson 24B (1967) 522
Aguilar-Benitez, M., J. Barlow, L.D. Jacobs, P. Malecki, L. Montanet, M. Tomás, M. Della Negra, J. Cohen-Ganouna, B. Lörstad, N. West, Structure in the $K\bar{K}$ decay mode of the A_2 meson 29B (1969) 62
Aguilar-Benitez, M., J. Barlow, L.D. Jacobs, P. Malecki, L. Montanet, Ch. D'Andlau, A. Astier, J. Cohen-Ganouna, M. Della Negra, B. Lörstad, $K_1^0K_1^0$ enhancements as observed in annihilations of slow anti-protons in hydrogen 29B (1969) 241
Aguilar-Benitez, M., J. Barlow, L.D. Jacobs, P. Malecki, L. Montanet, Ch. D'Andlau, A. Astier, J. Cohen-Ganouna, M. Della Negra, B. Lörstad, Evidence for a non-strange $I = 1$ meson of mass 1540 MeV 29B (1969) 379
Aguilar-Lloret, R., see T. Eichten 27B (1968) 586
Aguilera-Navarro, V.C., M. Moshinsky, Correlation effects in the α-particle 32B (1970) 336
Aharonov, Y., A. Casher, L. Susskind, Dual-parton model for mesons and baryons 35B (1971) 512
Ahlfeld, C.E., see G.E. Assousa 26B (1967) 503
Ahmad, I., Elastic scattering of 1 GeV protons from ^{12}C using the α-particle model 36B (1971) 301
Ahmadzadeh, A., Regge pole model of quark-quark amplitudes and total cross sections of the hadrons 22B (1966) 96
Ahmadzadeh, A., Branching ratio predictions for high energy reactions involving strange particles 22B (1966) 669
Ahmadzadeh, A., C.H. Chan, Sum rules for high energy scattering phenomena 22B (1966) 692
Ahrens, J., H. Borchert, D.-H. Czock, D. Mehlig, B. Ziegler, Nuclear photon scattering between 10 and 80 MeV 31B (1970) 570
Aichelburg, P.C., A peculiar combined neutrino-*f*-*g* gravity field 44B (1973) 370
Aitken, J.H., K.W. Allen, R.E. Azuma, A.E. Litherland, D.W.O. Rogers, Discovery of $\frac{11}{2}^+$ level in ^{19}F 28B (1968) 653
Aitken, J.H., A.E. Litherland, W.R. Dixon, R.S. Storey, Electromagnetic decay of first and second $T = \frac{3}{2}$ states in ^{19}F 30B (1969) 473
Aivazyan, Yu.M., see V.A. Belyakov 27B (1968) 352
Ajdacić, V., see B. Antolković 23B (1966) 477
Ajzenberg-Selove, F., see N. Mangelson 21B (1966) 661; 23B (1966) 140
Ajzenberg-Selove, F., R.F. Casten, O. Hansen, T.J. Mulligan, Levels of ^{11}Be from a study of the $^9Be(t, p)^{11}Be$ reaction 40B (1972) 205
Akbary, M.Y., see F.A. Zhivopistsev 31B (1970) 347
Akerlof, C.W., see S.P. Ying 30B (1969) 289
Akhibadyan, N., see Alma ... collaboration 48B (1974) 277
Akhmerov, R.V., see Yu.I. Titov 37B (1971) 422
Akiba, T., K. Kang, Unitarity corrections to current-algebra calculations on the π-π scattering lengths 25B (1967) 35

Akiyama, Y., see H. Ogata 29B (1969) 558
Akiyama, Y., S. Hori, E. Yamada, E-meson decay in the Veneziano model 35B (1971) 314
Akulov, V.P., see D.V. Volkov 46B (1973) 109
Akyeampong, D.A., J.F. Boyce, M.A. Rashid, The homogeneous Lorentz group and πN charge-exchange scattering 25B (1967) 336
Alaga, C., F. Krmpotić, V. Lopac, Semimicroscopic description of even Cd spectra 24B (1967) 537
Alaga, G., G. Ialongo, Semimicroscopic description of even Hg spectra 22B (1966) 619
Alaga, G., V. Paar, V. Lopac, A simple explanation of the sign and magnitude of quadrupole moments in even-*A* Fe, Zn, Cd, Te and Hg isotopes 43B (1973) 459
Alam, G.D., see R.L. Ferguson 31B (1970) 526
Alberi, G., L. Bertocchi, Glauber theory and πd scattering in the GeV region 28B (1968) 186
Alberi, G., see A.Y. Abul-Magd 30B (1969) 182
Alberi, G., L. Bertocchi, P.J.R. Soper, $\pi^{\pm}$p high-energy total cross-sections and deuteron shadow 32B (1970) 367
Alberi, G., M.A. Gregorio, Z.D. Thomé, On the tail of the "spectator" in $k^+D \to k^0pp$ 45B (1973) 490
Alberigi Quaranta, A., A. Bertin, G. Matone, F. Palmonari, A. Placci, P. Dalpiaz, G. Torelli, E. Zavattini, Measurement of the muon nuclear capture rate in the μp mesoatom 25B (1967) 429
Albrecht, K., D. Scharnweber, W. Greiner, U. Mosel, Nuclear deformation energy in the two-center shell model 32B (1970) 229
Albrecht, K.F., see Berlin ... collaboration 48B (1974) 257
Albrecht, K.F., F. Deak, V. Genchev, T.S. Grigalashvili, B.N. Gus'kov, J. Hladky, I.M. Ivanchenko, V.D. Kekelidze, D. Kiss, V.G. Krivokhizhin, V.V. Kuhtin, M.F. Likhachev, P. Major, A. Meyer, E. Nagy, M. Novak, A. Prokes, H.-E. Rysek, Yu.I. Salomatin, I.A. Savin, L.V. Sil'vestrov, V.E. Simonov, G.G. Takhtamyshev, P. Todorov, L. Urban, G. Vesztergombi, A.S. Vovenko, A study of the form factors in the $K^0_{\mu 3}$ decays 48B (1974) 393
Albrecht, W., H.-J. Behrend, H. Dorner, W. Flauger, H. Hultschig, Quasielastic electron-deuteron scattering between $q^2 = 18$ fm^{-2} and 100 fm^{-2} 26B (1967) 642
Albrecht, W., F.W. Brasse, H. Dorner, W. Flauger, K. Frank, J. Gayler, H. Hultschig, J. May, E. Ganszauge, Ihelastic electron proton scattering at high momentum transfers 28B (1968) 225
Albright, C.H., Saturation of a charge-current algebra 24B (1967) 100
Albright, C.H., W.D. McGlinn, Another restriction on weak neutral currents 29B (1969) 666
Albright, J.R., see B.G. Reynolds 24B (1967) 311
Albright, J.R., see R.P. Wieckowicz 28B (1968) 199
Albrow, M.G., D. Aston, D.P. Barber, L. Bird, R.J. Ellison, C. Halliwell, A.E. Harckham, F.K. Loebinger, P.G. Murphy, J. Walters, A.J. Wynroe, R.F. Templeman, Photoproduction of K^0-mesons 29B (1969) 54
Albrow, M.G., D. Aston, D.P. Barber, L. Bird, R.J. Ellison, C. Halliwell, R.E.H. Jones, A.D. Kanaris, F.K. Loebinger, P.G. Murphy, M. Strong, J. Walters, A.J. Wynroe, D.D. Yovanovic, R.F. Templeman, An experimental study of the decay $K^0_L \to \pi^+\pi^-\pi^0$ 33B (1970) 516
Albrow, M.G., S. Andersson-Almehed, B. Bošnjaković, F.C. Erné, Y. Kimura, J.P. Lagnaux, J.C. Sens, F. Udo, The reaction $p + p(\uparrow) \to \pi^+ + d$ between 1.0 and 1.5 GeV/c 34B (1971) 337
Albrow, M.G., M. Borghini, B. Bošnjaković, F.C. Erné, Y. Kimura, J.P. Lagnaux, J.C. Sens, F. Udo, Asymmetry in the scattering of protons on polarized deuterons at 1.21 GeV/c 35B (1971) 247
Albrow, M.G., D.P. Barber, A. Bogaerts, B. Bošnjaković, J.R. Brooks, A.B. Clegg, F.C. Erné, C.N.P. Gee, A.D. Kanaris, A. Lacourt, D.H. Locke, P.G. Murphy, A. Rudge, J.C. Sens, F. Van der Veen, Particle production ratios at 21, 31, 45 and 53 GeV in the centre of mass 40B (1972) 136

Albrow, M.G., D.P. Barber, A. Bogaerts, B. Bošnjaković, J.R. Brooks, A.B. Clegg, F.C. Erné, C.N.P. Gee, A.D. Kanaris, A. Lacourt, D.H. Locke, F.K. Loebinger, P.G. Murphy, A. Rudge, J.C. Sens, K. Terwilliger, F. Van der Veen, The distribution in transverse momentum of 5 GeV/c secondaries produced at 53 GeV in the centre of mass 42B (1972) 279
Albrow, M.G., A. Bagchus, D.P. Barber, A. Bogaerts, B. Bošnjaković, J.R. Brooks, A.B. Clegg, F.C. Erné, C.N.P. Gee, D.H. Locke, F.K. Loebinger, P.G. Murphy, A. Rudge, J.C. Sens, Correlations associated with small angle protons produced in proton-proton collisions at 31 GeV total energy 44B (1973) 207
Albrow, M.G., A. Bagchus, D.P. Barber, A. Bogaerts, B. Bošnjaković, J.R. Brooks, A.B. Clegg, F.C. Erné, C.N.P. Gee, D.H. Locke, F.K. Loebinger, P.G. Murphy, A. Rudge, J.C. Sens, Correlation between the pionization region and the fragmentation region in high energy proton-proton collisions 44B (1973) 518
Alburger, D.E., D.H. Wilkinson, The lifetime of ^{18}Ne and the second class current problem 32B (1970) 190
Alburger, D.E., see E.K. Warburton 36B (1971) 38
Alburger, D.E., see J. Cerny 37B (1971) 380
Alburger, D.E., see J.C. Hardy 42B (1972) 341
Alder, J.C., see J. Favier 31B (1970) 609
Alder, K., see R.J. Pryor 32B (1970) 26
Alder, K., R. Morf, F. Roesel, Quantum mechanical corrections for double Coulomb excitation in ^{152}Sm and the determination of the E4 transition probability 32B (1970) 645
Alder, K., A. Winther, Phase conventions for angular momentum eigenfunctions 34B (1971) 357
Alder, K., see U. Götz 38B (1972) 274
Alder, K., see R.D. Viollier 40B (1972) 625; 48B (1974) 99
Alderson, P.R., see C.O. Lennon 28B (1968) 253
Alderson, P.R., see J.L. Durell 29B (1969) 100
Aldridge, A.M., K.W. Kemper, H.S. Plendl, The beta decay of titanium 42 30B (1969) 165
Aleev, F.K., see A.A. Derevchekov 48B (1974) 367
Aleksandrov, Yu. M., V.F. Grushin, E.M. Leikin, Positive ion photoproduction from hydrogen at large angles in the region of the first resonance 25B (1967) 372
Alekseeva, K.I., see E.V. Anzon 31B (1970) 237, 241
Alekseeva, K.I., see M.G. Antonova 39B (1972) 282, 285
Aléonard, M.M., C. Boursiquot, P. Hubert, P. Mennrath, Strengths of (p, γ) resonances in ^{33}Cl, ^{35}Cl and ^{28}Si 49B (1974) 40
Alessandrini, V., D. Amati, M.Le Bellac, D. Olive, Duality and gauge properties of twisted propagators in multi-Veneziano theory 32B (1970) 285
Alessandrini, V., Reggeons as electric multipoles 34B (1971) 304
Alessandrini, V.A., E.J. Squires, Argand diagrams, bootstrap theories and Regge poles 27B (1968) 300
Alessandrini, V.A., P.G.O. Freund, R. Oehme, E.J. Squires, Argand diagrams and resonances 27B (1968) 456
Alessandrini, V.A., D. Amati, E.J. Squires, The influence of Regge asymptotics on the determination of resonance parameters 27B (1968) 463
Alessandrini, V.A., D. Avalos, L. Epele, H. Fanchiotti, C.A. Carcia Canal, M.A. Gregorio, A = 6 nuclei as three-body systems 29B (1969) 83
Alessandrini, V.A., D. Amati, Fixed and Regge poles in the Veneziano model 29B (1969) 193
Alexander, D.R., F.B. Malik, A microscopic calculation of the imaginary potential in heavy-nucleus scattering 42B (1972) 412
Alexander, G., see R. Barloutaud 26B (1968) 674
Alexander, G., A. Firestone, G. Goldhaber, Search for S = 2 boson resonances in the mass region of 1.0 to 3.1 GeV 27B (1968) 177

Alexander, G., see G. Giacomelli 33B (1970) 373
Alexander, T.K., see P.J.M. Sulders 21B (1966) 664
Alexander, T.K., see K.W. Allen 22B (1966) 193
Alexander, T.K., see D. Pelte 29B (1969) 660
Alexander, T.K., see O. Häusser 38B (1972) 75
Alexander, Y., A.S. Rinat (Reiner), A comparative analysis of nuclear excitations by high energy electrons, protons, pions and alpha's 45B (1973) 190
Alff-Steinberger, C., W. Heuer, K. Kleinknecht, C. Rubbia, A. Scribano, J. Steinberger, M.J Tannenbaum, K. Tittel, Further results from the interference of K_S and K_L in the $\pi^+\pi^-$ decay modes 21B (1966) 595
Alfimenkov, V.P., V.I. Lushchikov, V.G. Nikolenko, Yu.V. Taran, F.L. Shapiro, Choice of the proper set of neutron-deuteron scattering lengths from experiments on transmission of polarized neutrons through a polarized deuteron target 24B (1967) 151
Alford, W.P., R.A. Lindgren, D. Elmore, A comparison of (τ, n) ground-state transitions in the (fp) shell with predictions of the pairing vibrational model 42B (1972) 60
Alford, W.P., R.A. Lindgren, D. Elmore, R.N. Boyd, Two-particle, two-hole $J^\pi = 0^+$ states in ^{40}Ca 46B (1973) 356
Ali, S., A.R. Bodmer, The $\Lambda\Lambda$ hypernuclei $\Lambda\Lambda^6$He and $\Lambda\Lambda^{10}$Be and the Λ-Λ and Λ-N interactions 24B (1967) 343
Ali, S., M.E. Grypeos, L.P. Kok, Λ-p scattering and the Λ-N interaction 24B (1967) 543
Alitti, J., J.P. Baton, W. Fickinger, M. Neveu-René, A. Romano, R. Gessaroli, The reaction $\pi^- p \to \omega N^{*0}$ at 2.75 GeV/c 21B (1966) 354
Alitti, J., E. Lesquoy, A. Muller, Determination of the K_s^0 decay branching ratio 39B (1972) 568
Alitti, J., see J. Louie 48B (1974) 385
Alkhazov, G.D., G.M. Amalsky, S.L. Belostotsky, A.A. Vorobyov, O.A. Domchenkov, Yu.V. Dotsenko, V.E. Starodubsky, Differential cross section of 1 GeV proton scattering from ^{12}C 42B (1972) 121
Allaby, J.V., G. Bellettini, G. Cocconi, A.N. Diddens, M.L. Good, G. Matthiae, E.J. Sacharidis, A. Silverman, A.M. Wetherell, Search for fluctuations in the angular distribution of proton-proton scattering at 16.9 GeV/c 23B (1966) 389
Allaby, J.V., G. Cocconi, A.N. Diddens, A. Klovning, G. Matthiae, E.J. Sacharidis, A.M. Wetherell, Discontinuous behaviour in large angle proton-proton elastic scattering at high energies 25B (1967) 156
Allaby, J.V., A.N. Diddens, A. Klovning, E. Lillethun, E.J. Sacharidis, K. Schlüpmann, A.M. Wetherell, Diffraction-like structure in elastic proton-proton scattering at large momentum transfers 27B (1968) 49
Allaby, J.V., F. Binon, A.N. Diddens, P. Duteil, A. Klovning, R. Meunier, J.P. Peigneux, E.J. Sacharidis, K. Schlüpmann, M. Spighel, J.P. Stroot, A.M. Thorndike, A.M. Wetherell, Structure in the angular distribution of high energy proton-proton scattering 28B (1968) 67
Allaby, J.V., F. Binon, A.N. Diddens, P. Duteil, A. Klovning, R. Meunier, J.P. Peigneux, E.J. Sacharidis, K. Schlüpmann, M. Spighel, J.P. Stroot, A.M. Thorndike, A.M. Wetherell, The production of nucleon resonances in proton-proton collisions at high energy and large momentum transfers 28B (1968) 229
Allaby, J.V., see Yu. B. Bushin 29B (1969) 48
Allaby, J.V., F. Binon, A.N. Diddens, P. Duteil, A. Klovning, R. Meunier, J.P. Peigneux, E.J. Sacharidis, K. Schlüpmann, M. Spighel, J.P. Stroot, A.M. Thorndike, A.M. Wetherell, Differential cross section for the reactions $p + p \to D + \pi^+$ and $p + p \to D + \rho^+$ at 21 GeV/c 29B (1969) 198

Allaby, J.V., Yu. B. Bushnin, S.P. Denisov, A.N. Diddens, R.W. Dobinson, S.V. Donskov, G. Giacomelli, Yu.P. Gorin, A. Klovning, A.I. Petrukhin, Yu.D. Prokoshkin, R.S. Shuvalov, C.A. Ståhlbrand, D.A. Stoyanova, Total cross-sections of π^-, K^-, and $\bar{p}$ on protons and deuterons in the momentum range 20-65 GeV/c 30B (1969) 500
Allaby, J.V., A.N. Diddens, R.J. Glauber, A. Klovning, O. Kofoed-Hansen, E.J. Sacharidis, K. Schlüpmann, A.M. Thorndike, A.M. Wetherell, On the separation of single and double scattering in proton-deuteron collisions at 19.2 GeV/c 30B (1969) 549
Allaby, J.V., A.N. Diddens, A. Klovning, K. Schlüpmann, A.M. Wetherell, Comparison of highly inelastic proton-proton and electron-proton scattering 33B (1970) 429
Allaby, J.V., A.N. Diddens, R.W. Dobinson, A Klovning, J. Litt, L.S. Rochester, K. Schlüpmann, A.M. Wetherell, U. Amaldi, R. Biancastelli, C. Bosio, G. Matthiae, Energy dependence of the structure in high energy proton-proton elastic scattering 34B (1971) 431
Allaby, J.V., see U. Amaldi 34B (1971) 435; 36B (1971) 504; 43B (1973) 231; 44B (1973) 112
Allaby, J.V., see S.P. Denisov 36B (1971) 415
Allan, D.L., G.A. Jones, R.B. Taylor, R.B. Weinberg, Isobaric analogues of the ^{121}Sn ground state triplet 21B (1966) 197
Allan, D.L., H.C. Britt, F.A. Rickey Jr., Analogue states and the nuclear structure of ^{181}Hf 27B (1968) 11
Allard, J.F., M. Amiel, Contribution of rectangular graphs in the reaction $^{14}N(^3He, P_5)^{16}O^*$ (E^* = 8.88 MeV) 41B (1972) 29
Allardyce, B.W., see D.T. Chivers 26B (1967) 573
Allardyce, B.W., see J.J. Domingo 32B (1970) 309
Allardyce, B.W., see U. Von Wimmersperg 33B (1970) 291
Allardyce, B.W., C.J. Batty, D.J. Baugh, E. Friedman, G. Heymann, J.L. Weil, M.E. Cage, G.J. Pyle, G.T.A. Squier, A.S. Clough, J. Cox, D.F. Jackson, S. Murugesu, V. Rajaratnam, Ratio of pion-nucleus reaction cross sections and the neutron density distribution for lead 41B (1972) 577
Allardyce, B.W., see A.S. Clough 43B (1973) 476
Allas, R.G., see E.L. Petersen 31B (1970) 209
Allen, B.J., J.R. Bird, Averaged resonance neutron capture in gold 27B (1968) 494
Allen, B.J., See J.R. Bird 27B (1968) 638
Allen, D.D., G.P. Fisher, G. Godden, J.B. Kopelman, L. Marshall, R. Sears, Negative pion-proton elastic scattering at 1.7 GeV/c 21B (1966) 468
Allen, D.D., see J.B. Kopelman 22B (1966) 118
Allen, D.D., G.P. Fisher, G. Godden, L. Marshall, R. Sears, New $T \geq 1$ Di-pion at 965 MeV 22B (1966) 543
Allen, J.E., see W. Gajewski 21B (1966) 673; 23B (1966) 152
Allen, K.W., T.K. Alexander, D.C. Healey, Lifetimes of the 5.10 MeV and 5.83 MeV levels in ^{14}N 22B (1966) 193
Allen, K.W., P.G. Lawson, D.H. Wilkinson, The radiative width of the 3.09 MeV state of ^{13}C 26B (1967) 138
Allen, K.W., see J.H. Aitken 28B (1968) 653
Allen, K.W., see K.P. Jackson 30B (1969) 162; 49B (1974) 341
Allen, K.W., see D.W.O. Rogers 37B (1971) 65
Allen, K.W., see N.A. Jelley 40B (1972) 200
Allen, P., see D. Scipione 42B (1972) 489
Allers, H., see O. Dragoun 28B (1968) 251
Alles-Borelli, V., M. Bernardini, D. Bollini, P.L. Brunini, E. Fiorentino, T. Massam, L. Monari, F. Palmonari, A. Zichichi, Experimental proof of the inadequacy of the peaking approximation in radiative corrections 36B (1971) 149

Alles-Borelli, V., M. Bernardini, D. Bollini, P.L. Brunnini, E. Fiorentino, T. Massam, L. Monari, F. Palmonari, F. Rimondi, A. Zichichi, e^+e^- Annihilation into two hadrons in the energy interval 1400-2400 MeV 40B (1972) 433
Alley, P.W., see L.C.L. Yuan 40B (1972) 689
Alley, P.W., see A. Bamberger 43B (1973) 153
Allison, J., see D. Scotter 26B (1967) 474
Allison, W.W.M., see D.C. Colley 24B (1967) 489
Allison, W.W.M., A. Cruz, W. Schrankel, M.M. Haque, S.K. Tuli, P.J. Finney, C.M. Fisher, J.D. Gordon, R.M. Turnbull, R. Erskine, K. Sisterson, K. Paler, P. Chaudhuri, A. Eskreys, S.J. Goldsack, The production of strangeness zero mesons in multibody final states in 6 GeV/c K^-p interactions 25B (1967) 619
Allison, W.W.M., see T. Fields 40B (1972) 503
Allkofer, O.C., W.D. Dau, H. Jokisch, The absolute vertical muon intensity of cosmic rays at 1 GeV/c at sea level 31B (1970) 606
Allkofer, O.C., K. Carstensen, W.D. Dau, The absolute cosmic ray muon spectrum at sea level 36B (1971) 425
Allkofer, O.C., W.D. Dau, The muon charge ratio at sea level in the low momentum region 38B (1972) 439
Allred, J.C., see N.D. Gabitzsch 47B (1973) 234
Allred, J.C., see M. Furic 47B (1973) 241
Alma–Ata–Bucharest–Budapest–Cracow–Dubna–Hanoi–Moscow–Sofia–Tashkent–Tbilisi–Ulan Bator–Warsaw collaboration, Some results on correlations in particle production in pion-proton interactions at 40 GeV/c 48B (1974) 277
Alper, B., H. Bøggild, G. Jarlskog, G. Lynch, J.M. Weiss, P. Booth, L.J. Carroll, J.N. Jackson, M. Prentice, G. Von Dardel, L. Jönsson, G. Damgaard, K.H. Hansen, E. Lohse, F. Bulos, L. Leistam, A. Klovning, E. Lillethun, B. Duff, F. Heymann, D. Quarrie, Production of high transverse momentum particle in p-p-collisions in the central region at the CERN ISR 44B (1973) 521
Alper, B., H. Bøggild, G. Jarlskog, J.M. Weiss, P. Booth, L.J. Carroll, J.N. Jackson, M. Prentice, G. Von Dardel, G. Damgaard, F. Bulos, W. Lee, G. Manning, P. Sharp, L. Leistam, A. Klovning, E. Lillethun, B. Duff, K. Potter, D. Quarrie, S. Sharrock, Particle composition at high transverse momenta in p-p collisions in the central region at the CERN ISR 44B (1973) 527
Alper, B., H. Bøggild, P. Booth, F. Bulos, L.J. Carroll, G. Von Dardel, G. Damgaard, B. Duff, F. Heymann, J.N. Jackson, G. Jarlskog, L. Jönsson, A. Klovning, L. Leistam, E. Lillethun, G. Lynch, G. Manning, M. Prentice, D. Quarrie, J.M. Weiss, Large-angle production of stable particles heavier than the proton and a search for quarks at the CERN Intersecting Storage Rings 46B (1973) 265
Alper, B., H. Bøggild, P. Booth, F. Bulos, L.J. Carroll, G. Von Dardel, G. Damgaard, B. Duff, F. Heymann, J.N. Jackson, G. Jarlskog, L. Jönsson, A. Klovning, L. Leistam, E. Lillethun, G. Lynch, S. Ølgaard-Nielsen, M. Prentice, D. Quarrie, J.M. Weiss, Large-angle inclusive production of charged pions at the CERN ISR with transverse momenta less than 1.0 GeV/c 47B (1973) 75
Alper, B., H. Bøggild, P. Booth, F. Bulos, L.J. Carroll, G. Von Dardel, G. Damgaard, B. Duff, F. Heymann, J.N. Jackson, G. Jarlskog, L. Jönsson, A. Klovning, L. Leistam, E. Lillethun, G. Lynch, M. Prentice, D. Quarrie, J.M. Weiss, Large-angle inclusive production of protons, antiprotons and kaons, and particle composition at the CERN ISR 47B (1973) 275
Alpsten, M., see P.G. Hansen 28B (1968) 415, 596, 663
Alpsten, M., see P. Hornshøj 34B (1971) 591
Alstad, J., see P.G. Hansen 28B (1968) 415, 596, 663
Alster, J., Nuclear transition strength systematics in the Pb region 25B (1967) 459

Alster, J., see A. Moalem 34B (1971) 392
Alston-Garnjost, M., A. Barbaro-Galtieri, W.F. Buhl, S.E. Derenzo, L.D. Epperson, S.M. Flatté, J.H. Friedman, G.R. Lynch, R.L. Ott, S.D. Protopopescu, M.S. Rabin, F.T. Solmitz, A_2 mass spectrum in 7-GeV/c π^+p interactions 33B (1970) 607
Alston-Garnjost, M., A. Barbaro-Galtieri, W.F. Buhl, S.E. Derenzo, L.D. Epperson, S.M. Flatté, J.H. Friedman, G.R. Lynch, R.L. Ott, S.D. Protonpopescu, M.S. Rabin, F.T. Solmitz, Branching ratios of the A_2^+ meson observed in 7 GeV/c π^+p interactions 34B (1971) 156
Alston-Garnjost, M., see S.M. Flatté 34B (1971) 551
Alston-Garnjost, M., A. Barbaro-Galtieri, S.M. Flatté, J.H. Friedman, G.B. Lynch, S.D. Protopopescu, M.S. Rabin, F.T. Solmitz, Observation of an anomally in the $\pi^+\pi^-$ system at 980 MeV 36B (1971) 152
Alston-Garnjost, M., see S.M. Flatté 38B (1972) 232
Alston-Garnjost, M., K.W. Barnham, M.S. Rabin, A. Barbaro-Galtieri, S.M. Flatté, J.H. Friedman, G.R. Lynch, J.N. MacNaughton, F.T. Solmitz, C. Risk, W.D. Shephard, J.T. Powers, N.N. Biswas, N.M. Cason, V.P. Kenney, D.W. Thomas, Energy dependence of inclusive distributions in pion-induced reactions 39B (1972) 402
Alston-Garnjost, M., see S.U. Chung 47B (1973) 526
Alston-Garnjost, M., see W.F. Buhl 48B (1974) 338
Altarelli, G., F. Buccella, R. Gatto, Approximation saturation of superconvergence relation 24B (1967) 57
Altarelli, G., N. Cabibbo, L. Maiani, Magnitude of the σ-term, chiral symmetry and scale invariance 35B (1971) 415
Altarelli, G., G. Preparata, Light cone expansion and corrections to vector meson dominance in Compton scattering 39B (1972) 371
Altarelli, G., N. Cabibbo, L. Maiani, The drell-Hearn sum rule and the lepton magnetic moment in the Weinberg model of weak and electromagnetic interactions 40B (1972) 415
Altarelli, G., L. Maiani, Hadron multiplicities in a scaling model for e^+e^- annihilation 41B (1972) 480
Altarelli, G., N. Cabibbo, L. Maiani, R. Petronzio, Neutrino processes in a compound model for the nucleon 48B (1974) 435
Althoff, K.H., H. Piel, W. Wallraff, G. Wessels, Measurement of the polarization of the recoil neutron from the photoproduction of charged pions on hydrogen 26B (1967) 640
Althoff, K.H., D. Finken, N. Minatti, H. Piel, D. Trines, M. Unger, Measurement of the angular dependence of the polarization of the recoil protons from the photoproduction of neutral pions on hydrogen at photon energies between 240 and 420 MeV 26B (1968) 677
Althoff, K.H., R.M. Brown, D. Freytag, K.S. Heard, J. Heintze, R. Mundhenke, H Rieseberg, V. Soergel, H. Stelzer, A. Wagner, Beta-decay of polarized Λ hyperons. I. Measurement of the decay rate 37B (1971) 531
Althoff, K.H., R.M. Brown, D. Freytag, K.S. Heard, J. Heintze, R. Mundhenke, H. Rieseberg, V. Soergel, H. Stelzer, A. Wagner, Beta-decay of polarized Λ hyperons. II. Determination of the vector and axial vector form factors 37B (1971) 535
Althoff, K.H., R.M. Brown, D. Freytag, K.S. Heard, J. Heintze, R. Mundhenke, H. Rieseberg, V. Soergel, H. Stelzer, A. Wagner, Beta decay of polarized Λ hyperons. III. Correlations in the Λ centre-of-mass system and the proton recoil spectrum 43B (1973) 237
Alvager, T., R.A. Naumann, Search for stable heavy massive particles of positive integral charge 24B (1967) 647
Aly, H.H., see R. Acharya 27B (1968) 166
Aly, H.H., P. Narayanaswamy, Rise and fall of Regge trajectories in potential scattering 28B (1968) 603
Alyea Jr., E.D., see K.F. Galloway 27B (1968) 250
Amado, R.D., J.V. Noble, On Efimov's effect: a new pathology of three-particle systems 35B (1971) 25

Amado, R.D., see S.K. Adhikari 40B (1972) 11
Amaglobeli, N., see O. Balea 39B (1972) 571
Amaglobeli, N., see Alma ... collaboration 48B (1974) 277
Amako, K., see S. Arai 40B (1972) 426
Amaldi, E., M. Benevantano, B. Borgia, F. De Notaristefani, A. Frondaroli, P. Pistilli, I. Sestili, M. Severi, Axial-vector form-factor of the nucleon from a coincidence experiment on electroproduction at threshold 41B (1972) 216
Amaldi Jr., U., G. Campos Venuti, G. Cortellessa, E. De Sanctis, S. Frullani, R. Lombard, P. Salvadori, The (e, e′p) reaction in calcium induced by 580-750 MeV electrons 22B (1966) 593
Amaldi Jr., U., G. Campos Venuti, G. Cortellessa, E. De Sanctis, S. Frullani, R. Lombard, P. Salvadori, Proton angular distribution in the high energy ^{12}C (e, e′p)^{11}B reaction 25B (1967) 24
Amaldi, U., see J.V. Allaby 34B (1971) 431
Amaldi, U., R. Biancastelli, C. Bosio, G. Matthiae, J.V. Allaby, A.N. Diddens, R.W. Dobinson, A. Klovning, J. Litt, L.S. Rochester, K. Schlüpmann, A.M. Wetherell, Momentum transfer dependence of nucleon resonance production in proton-proton collisions at 24 GeV/c 34B (1971) 435
Amaldi, U., R. Biancastelli, C. Bosio, G. Matthiae, J.V. Allaby, W. Bartel, G. Cocconi, A.N. Diddens, R.W. Dobinson, V. Elings, J. Litt, L.S. Rochester, A.M. Wetherell, Measurements of small angle proton-proton elastic scattering at the CERN Intersecting Storage Rings 36B (1971) 504
Amaldi, U., R. Biancastelli, C. Bosio, G. Matthiae, J.V. Allaby, W. Bartel, M.M. Block, G. Cocconi, A.N. Diddens, R.W. Dobinson, J. Litt, A.M. Wetherell, Measurements of the proton-proton total cross section by means of Coulomb scattering at the CERN intersection storage rings 43B (1973) 231
Amaldi, U., R. Biancastelli, C. Bosio, G. Matthiae, J.V. Allaby, W. Bartel, G. Cocconi, A.N. Diddens, R.W. Dobinson, A.M. Wetherell, The energy dependence of the proton-proton total cross-section for centre-of-mass energies between 23 and 53 GeV 44B (1973) 112
Amalsky, G.M., see G.D. Alkhazov 42B (1972) 121
Amann, J.F., see K.A. Snover 37B (1971) 29
Amann, R.F., P.M. Shah, Interference terms in the multiperipheral model 42B (1972) 353
Amann, R.F., M.L. Blackmon, ρ domiance and Regge coupling in inclusive reactions 44B (1973) 266
Amarel, I., R. Bernas, R. Foucher, J. Jastrzebski, A Johnson, J. Teillac, H. Gauvin, Half life determination of some short-lived isotopes of Rb, Sr, Cs, Ba, La and identification of $^{93,94,95,96}Rb$ as delayed neutron precursors by on-line mass-spectrometry 24B (1967) 402
Amati, D., R. Jengo, E. Remiddi, A new family of sum rules from current algebra 22B (1966) 674
Amati, D., R. Jengo, Sum rules and dynamics 24B (1967) 108
Amati, D., G. Cohen-Tannoudji, R. Jengo, Ph. Salin, High energy photoproduction without conspiracy 26B (1967) 510
Amati, D., R. Jengo, H.R. Rubinstein, G. Veneziano, M.A. Virasoro, Compositeness as a clue for the understanding of the asymptotic behavior of form factors 27B (1968) 38
Amati, D., see V.A. Alessandrini 27B (1968) 463; 29B (1969) 193; 32B (1970) 285
Amati, D., L. Caneschi, M. Testa, Large transverse momenta in the multiperipheral model 43B (1973) 186
Amati, D., M. Testa, Quark imprisonment as the origin of strong interactions 48B (1974) 227
Amati, D., A dynamical approach to successive asymptopia 48B (1974) 253
Amati, D., S. Fubini, A general outlook on scaling phenomena 49B (1974) 293
Amati, D., L. Caneschi, Scaling distribution of large transverse momenta 50B (1974) 373
Ambats, I., see C.E.W. Ward 48B (1974) 471
Amblard, B., see A. De Lesquen 40B (1972) 277
Amblard, B., see J. Deregel 43B (1973) 338

Amendolia, S.R., G. Belletini, P.L. Braccini, C. Bradaschia, R. Castaldi, V. Cavasinni, C. Cerri, T. Del Prete, L. Foá P. Giromini, P. Laurelli, A. Menzione, L. Ristori, G. Sanguinetti, M. Valdata, G. Finocchiaro, P. Grannis, D. Green, R. Mustard, R. Thun, Measurement of the total proton-proton cross-section at the ISR 44B (1973) 119
Amendolia, S.R., G. Bellettini, P.L. Braccini, C. Bradaschia, R. Castaldi, V. Cavasinni, C. Cerri, T. Del Prete, L. Foá, P. Giromini, P. Laurelli, A. Menzione, L. Ristori, G. Sanguinetti, M. Valdata, G. Finocchiaro, P. Grannis, D. Green, R. Kephart, R. Thun, Measurement of inclusive two-particle rapidity correlations at the ISR 48B (1974) 359
Amendolia, S.R., see G. Finocchiaro 50B (1974) 396
Amiel, M., see J.F. Allard 41B (1972) 29
Amiel, S., H. Feldstein, A semi-empirical treatment of neutron emission probabilities from delayed neutron precursors 31B (1970) 59
Amiet, J.P., H.D. Zeh, Synthesis of heavy nuclei at high density 25B (1967) 305
Ammann, A.C., see R.L. Eisner 28B (1968) 356
Ammann, A.C., see A.F. Garfinkel 33B (1970) 536
Ammann, A.C., D.D. Carmony, A.F. Garfinkel, L.J. Gutay, D.H. Miller, W.L. Yen, Evidence against an $n\pi^-\pi^-$ enhancement at a mass of 1.627 GeV/c^2 in $K^-d \to p_s\pi^-\pi^-\pi^- nK^0$ at 4.48 GeV/c 34B (1971) 533
Ammar, R., see J. Mott 23B (1966) 171
Ammar, R., see Y. Cho 32B (1970) 409
Ammar, R., see R. Davis 27B (1968) 532
Ammosov, V., see O. Balea 39B (1972) 571
Ammosov, V.V., V.N. Boitsov, P.F. Ermolov, A.B. Fenyuk, P.A. Gorichev, E.P. Kistenev, S.V. Klimenko, B.A. Manyukov, A.M. Moiseev, R.M. Sulyaev, S.V. Tarasevich, A.P. Vorobjev, H. Blumenfeld, J. Derre, P. Granet, M.A. Jabiol, A. Leveque, M. Loret, E. Pauli, Y. Pons, J. Prevost, J.C. Scheuer, M. Boratav, J. Laberrigue, H.K. Nguyen, S. Orenstein, Average charged particle multiplicity and topological cross sections in 50 GeV/c and 69 GeV/c pp interactions 42B (1972) 519
Ammosov, V.V., see H. Blumenfeld 45B (1973) 525, 528
Amos, K., see H. V. Geramb 32B (1970) 665
Amtén, L., see W. Ebenhöh 49B (1974) 137
Amtey, S.R., J.H. Hamilton, M.J. Zender, A test of M subshell conversion coefficients at threshold energies 23B (1966) 581
Anami, S., see I. Endo 47B (1973) 469
Anantaraman, N., K. Katori, H.J. Körner, A systematic study of the $^{88}Sr(^{16}O, ^{15}N)$ reaction: Evidence for recoil effects 46B (1973) 67
Anantaraman, N., J.P. Schiffer, Experimental study of the effective nucleon-nucleon interaction 37B (1971) 229
Anantaraman, N., see R.A. Lindgren 49B (1974) 263
Ananthanarayanan, K., S. das Gupta, N. de Takacsy, Instability of the four particle-four hole solution of ^{16}O against parity mixing 37B (1971) 143
Andersen, B.L., J.P. Bondorf, B.S. Madsen, Single-particle widths in ^{207}Pd (pp) and (pp′) for the isobaric analogue state of the ground state of ^{280}Pb 22B (1966) 651
Andersen, B.L., A note on mass asymmetry and shell effects in nuclear fission 42B (1972) 307
Anderson, D.K., J.M. Eisenberg, Radiative pion absorption in complex nuclei 22B (1966) 164
Anderson, D.W., see B.C. Cook 26B (1967) 341
Anderson, E.W., E.J. Bleser, H.R. Blieden, G.B. Collins, D. Garelick, J. Menes, F. Turkot, D. Birnbaum, R.M. Edelstein, N.C. Hien, T.J. McMahon, J. Mucci, J. Russ, Search for the Z^* in $\pi^- + p \to K^- + Z^*$ at 6 and 8 GeV/c 29B (1969) 136

Anderson, E.W., see D. Birnbaum 31B (1970) 36, 484
Anderson, J., see E. H. Bellamy 39B (1972) 299
Anderson, J., see N.H. Lipman 43B (1973) 89
Anderson, J., see M.R. Jane 48B (1974) 260, 265
Anderson, J.C., A. Engler, R.W. Kraemer, S. Toaff, F. Weisser, J. Diaz, F. DiBianca, W. Fickingner, D.K. Robinson, Study of the reaction $\pi^+ n \to \omega p$ at 6.0 GeV/c 45B (1973) 165
Anderson, J.C., A. Engler, R.W. Kraemer, S.Toaff, F. Weisser, J. Diaz, F. DiBianca, W. Fickinger, D. Robinson, C. Sullivan, C.-Y. Chien, B. Cox, D. Feiock, V. Sreedhar, R. Zdanis, C. Bromberg, T. Ferbel, P. Slattery, Energy dependence of the inclusive cross section for the reaction $\pi^+ d \to \pi^-$ + anything at large transverse momenta 45B (1973) 521
Andersson-Almehed, S., see M.G. Albrow 34B (1971) 337
Andersson, G., see P.G. Hansen 28B (1968) 415, 596, 663
Andersson, G., see P. Hornshøj 34B (1971) 591
Andersson, G.I., see G.T. Ewan 29B (1969) 352
Andersson, S., C. Baum, F.C. Erné, J.P. Lagnaux, J.C. Sens, F. Udo, Elastic scattering of positive kaons on polarized protons at 1.22 and 2.48 GeV/c 28B (1968) 611
Andersson, S., C. Daum, F.C. Erné, J.P. Lagnaux, J.C. Sens, F. Udo, F. Wagner, Polarization in elastic $K^+ p$ scattering between 0.86 GeV/c and 1.45 GeV/c: results and phase-shift analysis 30B (1969) 56
Andrare, E., see D. Miljanic 50B (1974) 330
André, S., P. Liaud, F. Perales, S.Y. Van der Werf, Forme du spectre de la transition β de 1510 keV et spin de $^{152}Eu^m1$ 30B (1969) 160
Andrejtscheff, W., W. Meiling, Lebensdauermessungen beim ^{156}Sm-Zerfall 27B (1968) 502
Andrejtscheff, W., P. Manfrasz, K.-D. Schilling, A retarded E1 transition with $\Delta K = 1$ in ^{173}Hf 40B (1972) 92
Andrejtscheff, W., F.-R. May, L. Münchow, S. Frauendorf, The influence of 1 QP-state equilibrium deformation on E1 transition probabilities 44B (1973) 351
Andrews, H.R., see D. Ward 44B (1973) 39
Andreyev, D.S., G.M. Gusinsky, K.I. Erokhina, M.F. Kudojarov, I.Kh. Lemberg, I.N. Chugunov, The quadrupole moment of the first excited state in ^{114}Cd 32B (1970) 187
Angeli, I., J. Csikai, I. Hunyadi, Correlation between nuclear radii and binding energies for light nuclei 29B (1969) 36
Angelopoulos, A., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Angelov, N., see O. Balea 39B (1972) 571
Angelov, N., see Alma ... collaboration 48B (1974) 277
Aniola, L., see O. Balea 39B (1972) 571
Aniola, L., see Alma ... collaboration 48B (1974) 277
Anisovich, V.V., P.E. Volkovisky, The ratio of $K \to 3\pi$ decay rates and pion interaction 35B (1971) 443
Anisovich, V.V., P.E. Volkovitsky, L.G. Dakhno, Shadow and antishadow effects in the scattering of particles on the deuteron 42B (1972) 224
Anisovich, V.V., M.N. Kobrinsky, The quark model and inclusive spectra in the central region $|p_L^{cm}| \lesssim 0.3\, p_{max}$ 46B (1973) 419
Annoni, H., see B. Daugeras 27B (1968) 332
Annoni, H., see R. Huson 28B (1968) 208
Annoni, H., see M. Haguenauer 34B (1971) 219
Annoni, H., see B. Bogdan 41B (1972) 221
Ansaldo, E.J., L. Grodzins, R. Kalish, Magnetic hyperfine fields at radon and radium nuclei in iron metal 30B (1969) 538

Ansaldo, E.J., L. Grodzins, Hyperfine interactions on ^{237}Np and ^{239}Np implanted into copper and nickel 32B (1970) 479
Ansaldo, E.J., L. Grodzins, Hyperfine magnetic fields at thorium and uranium nuclei in iron metal 34B (1971) 43
Ansari, A., see S.C.K. Nair 47B (1973) 200
Anselm, A.A. I.T. Dyatlov, Mandelstam branch points and scattering of particles at high energies and large momentum transfers 24B (1967) 479
Anselm, A.A., I.T. Dyatlov, The statistical character of hadron production at high energies in the theory of complex angular momentum 26B (1967) 100
Anselm, A.A., G.S. Danilov, I.T. Dyatlov, Isotopic spin splitting of trajectories in dual multiparticle models 37B (1971) 84
Anselm, A.A., V.N. Gribov, Zero pion mass limit in interaction at very high energies 40B (1972) 487
Antipov, Yu.M., I.I. Karpov, V.P. Khromov, L.G. Landsberg, V.G. Lapshin, A.A. Lebedev, A.G. Morozov, Yu.D. Prokoshkin, Yu.V. Rodnov, V.A. Rybakov, V.A. Rykalin, V.A. Senko, B.A. Utochkin, N.K. Vishnevsky, F.A. Yetch, A.M. Zajtzev, Search for the particles with fractional charges (quarks) at IHEP 70 GeV accelerator 29B (1969) 245
Antipov, Yu.M., V.N. Bolotov, M.I. Devishev, M.N. Devisheva, V.V. Isakov, I.I. Karpov, Yu.S. Khodyrev, V.A. Krendelev, L.G. Landsberg, V.G. Lapshin, A.A. Lebedev, A.G. Morozov, Yu.D. Prokoshkin, V.A. Rybakov, V.I. Rykalin, A.V. Samojlov, V.A. Senko, N.K. Vishnevsky, F.A. Yetch, A.M. Zajtzev, Further search for quarks at the 70 GeV IHEP accelerator 30B (1969) 576
Antipov, Yu.M., S.P. Denisov, S.V. Donskov, Yu.P. Gorin, V.A. Kachanov, V.P. Khromov, V.M. Kutjin, L.G. Landsberg, V.G. Lapshin, A.A. Lebedev, A.G. Morozov, A.I. Petrukhin, Yu.D. Prokoshkin, E.A. Razuvaev, V.I. Rykalin, V.I. Solyanik, D.A. Stoyanova, R.S. Shuvalov, N.K. Vishnevsky, F.A. Yetch, A.M. Zajtzev, Production of low momentum negative particles by 70 GeV protons 34B (1971) 164
Antipov, Yu.M., R. Baud, R. Busnello, G. Damgaard, M.N. Kienzle-Focacci, W. Kienzle, R. Klanner, L.G. Landsberg, A.A. Lebedev, C. Lechanoine, P. Lecomte, M. Martin, V. Roinishvili, R.D. Sard, F.A. Yetch, A. Weitsch, Missing-mass spectra observed in $\pi^- + p \to p + X^-$ at 25 and 40 GeV/c 40B (1972) 147
Antoine, B., V. Gillet, J.M. Normand, J.B. Bellicard, Phan Xuan Ho, I. Sick, Core configuration mixing effects in inelastic electron scattering on spherical nuclei 44B (1973) 55
Antolković, B., M. Cerineo, G. Paić, P. Tomaš, V. Ajdacić, B. Lalović, W.T.H. Van Oers, I. Šlaus, A study of the neutron - ^{3}He interaction at 14.4 MeV 23B (1966) 477
Antoniou, N.G., C. Palev, Forward dispersion relations and π-π scattering lengths 26B (1967) 301
Antoniou, N.G., R. Baier, The fine structure of the Pomeron and the slope parameter of the diffraction peak 37B (1971) 501
Antonova, M.G., E.G. Boos, P.W. Morozova, N.P. Pavlova, C.I. Shakhova, Zh.S. Takibaev, J. Babecki, Z. Czachowska, B. Furmańska, R. Holynski, K. Karnicka, S. Krzywdziński, G. Nowak, K. Rybicki, O.E. Badawy, N.P. Bogachev, N. Dalkhazhav, R. Khoshmukhamedov, J.M. Kohli, G.S. Shabratova, K.D. Tolstov, P.G. Lepekhin, M.M. Chernyavsky, N.B. Maslennikova, G.I. Orlova, M.I. Tretyakova, K.I. Alekseeva, S.A. Azimov, A.I. Bondarenko, L.P. Chernova, G.M. Chernov, K.G. Gulamov, U.G. Gulyamov, V.V. Lavkov, V. Sh. Navotny, T.T. Riskiev, N.S. Skripnik, N.S. Svechnikova, T.P. Trofimova, C. Bataar, B. Chadraa, G. Sharkhuu, S. Sugar, D. Tuvdendorzh, General characteristics of proton-nucleon interactions in nuclear emulsion at 67 GeV/c 39B (1972) 282
Antonova, M.G., E.G. Boos, P.W. Morozova, N.P. Pavlova, C.I. Shakhova, Zh.S. Takibaev, J. Babecki, Z. Czachowska, B. Furmańska, R. Holynski, K. Karnicka, S. Krzywdziński,

G. Nowak, K. Rybicki, O.E. Badawy, N.P. Bogachev, N. Dalkazhav, R. Khoshmukhamedov, J.M. Kohli, G.S. Shabratova, K.D. Tolstov, F.G. Lepekhin, M.M. Chernyavsky, N.B. Maslennikova, G.I. Orlova, M.I. Tretyakova, K.I. Alekseeva, S.A. Azimov, A.I. Bondarenko, L.P. Chernova, G.M. Chernov, K.G. Gulamov, U.G. Gulyamov, V.V. Lavkov, V.Sh. Navotny, T.T. Riskiev, N.S. Skripnik, N.S. Svechnikova, T.P. Trofimova, C. Bataar, B. Chadraa, G. Sharkhuu, S. Sugar, D. Tuvdendorzh, Coherent production of particles by 67 GeV/c protons on emulsion nuclei 39B (1972) 285

Antony-Spies, P., W. Donner, H.G. Wahsweiler, W. Greiner, Effect of nucleon continua on inelastic electron-scattering form factors 26B (1967) 268

Antony-Spies, P., P.P. Delsanto, E. Spamer, A. Goldmann, O. Titze, Excitation of the one-nucleon continuum of ^{12}C by electron scattering at low momentum transfer 31B (1970) 632

Antopolsky, V.D., G.L. Bayatyan, E.V. Brakhman, G.P. Eliseev, N.E. Emelyanov, Yu.V. Galaktionov, Yu.V. Gorodkov, L.G. Landsberg, N.N. Lugetsky, V.A. Lyubimov, I.V. Sidorov, F.A. Yetch, O.Ya. Zeldovich, Backward elastic scattering of π^- mesons by neutrons in the momentum range 1.5–3.8 GeV/c 28B (1968) 220

Antopolsky, V.D., G.L. Bayatyan, E.V. Brakhman, G.P. Eliseev, N.E. Emelyanov, Yu.V. Galaktionov, Yu.V. Gorodkov, L.G. Landsberg, N.N. Lugetsky, V.A. Lyubimov, I.V. Sidorov, F.A. Yetch, O.Ya. Zeldovitch, Backward charge exchange $\pi^- + p \to \pi^0 + n$ reaction in the momentum range 1.55–3.8 GeV/c 28B (1968) 223

Antoufiev, Yu.P., V.L. Agranovich, V.S. Kuzmenko, P.V. Sorokin, Investigation of the $^6Li(e, e'p)$ reaction 1200 MeV 42B (1972) 347

Anttila, A., M. Bister, Lifetime of the second excited state of ^{21}Na 29B (1969) 645

Anyas-Weiss, N., A.E. Litherland, H. Röpke, Resonance width measurements using the Doppler shift attenuation method 27B (1968) 161

Anyas-Weiss, N., see H. Röpke 27B (1968) 368

Anyas-Weiss, N., see N.A. Jelley 40B (1972) 200

Anyas-Weiss, N., J. Becker, T.A. Belote, J.C. Cornell, P.S. Fisher, P.N. Hudson A. Menchaca-Rocha, A.D. Panagiotou, D.K. Scott, Heavy-ion transfer reactions on ^{208}Pb above the Coulomb barrier 45B (1973) 231

Anyas-Weiss, N., see D. Strottman 47B (1973) 16

Anyas-Weiss, N., J.A. Becker, T.A. Belote, J.C. Cornell, P.S. Fisher, P.N. Hudson, A. Menchaca-Rocha, D. Panagiotou, D.K. Scott, $^{12}C + ^{12}C$ elastic and inelastic scattering at 114 and 174 MeV 47B (1973) 442

Anzelon, G., see D.J. Margaziotis 37B (1971) 263

Anzon, E.V., I.Ya. Chasnikov, C.I. Shakova, I.S. Streltsov, Zh. S. Takibaev, A.H. Vinnitsky, V.G. Voynov, G. Bozoki, E. Fenyves, E. Gombosi, E. Nagy, J. Babecki, Z. Czachowska, B. Furmańska, J. Gierula, R. Hołynski, A. Jurak, G. Nowak, K. Rybicki, W. Wolter, N. Dalkhazhav, R. Khoshmukhamedov, E.S. Shabratova, K.D. Tolstov, M.M. Chernyavsky, N.B. Maslennikova, M.I. Tretyakova, G.P. Zhdanov, K.I. Alekseeva, Kh.M. Chernev, P.T. Todorov, S.A. Azimov, U.G. Gulyamov, T.V. Rechnitsky, E.A. Till, C. Bataar, B. Chadraa, D. Sharkhuu, D. Tuvdendorzh, General characteristics of π^- nucleon interactions at 60 GeV/c obtained in nuclear emulsion 31B (1970) 237

Anzon, E.V., I.Ya. Chasnikov, C.I. Shakhova, I.S. Streltsov, Zh. S. Takibaev, A.H. Vinnitsky, V.G. Voynov, G. Bozoki, E. Fenyves, E. Gombosi, E. Nagy, J. Babecki, Z. Czachowska, O. Czyzewski, B. Furmańska, J. Gierula, R. Hołynski, A. Jurak, M. Miesowicz, G. Nowak, K. Rybicki, W. Wolter, N. Dalkhazhav, R. Khoshmukhamedov, E.S. Shabratova, K.D. Tolstov, M.M. Chernyavsky, N.B. Maslennikova, M.L. Tretyakova, K.I. Alekseeva, Kh.M. Chernev, P.T. Todorov, S.A. Azimov, U.G. Gulyamov, T.V. Rechnitsky, E.A. Till, C.

Bataar, B. Chadraa, D. Sharkhuu, D. Tuvdendorzh, Coherent production of particles by 60 GeV/c pions on emulsion nuclei 31B (1970) 241
Aoi, H., N.E. Booth, C. Caverzasio, L. Dick, A. Gonidec, Z. Janout, K. Kuroda, A Michalowicz, M. Poulet, D. Sillou, C.M. Spencer, W.S.C. Williams, Polarization in backward π^+p elastic scattering at 6 GeV/c 35B (1971) 90
Aoi, H., see M. Borghini 36B (1971) 493, 497, 501
Aoki, Y., see K. Yagi 29B (1969) 647; 37B (1971) 369; 44B (1973) 447
Aoki, Y., see M. Matoba 44B (1973) 159; 45B (1973) 463
Apel, W.D., J. Ausländer, H. Müller, G. Sigurdsson, H.M. Staudenmaier, E. Bertolucci, I. Mannelli, G. Pierazzini, P. Rehák, A. Scribano, F. Sergiampietri, M.L. Vincelli, $X^0 \to 2\gamma$ from π^-p → neutral meson + neutron at 3.8 GeV/c 40B (1972) 680
Apel, W.D., J. Ausländer, H. Müller, G. Sigurdsson, H.M. Staudenmaier, E. Bertolucci, I. Mannelli, G. Pierazzini, P. Rehak, A. Scribano, F. Sergiampietri, M.L. Vincelli, Search for the decay mode $\omega \to \eta\gamma$ in the reaction π^-p → n + neutral boson 41B (1972) 234
Apel, W.D., J.S. Ausländer, H. Müller, G. Sigurdsson, H.M. Staudenmaier, U. Stier, E. Bertolucci, I. Mannelli, G. Pierazzini, P. Rehak, A. Scribano, F. Sergiampietri, M.L. Vincelli, Results on $\pi\pi$-interaction in the reaction π^-p → $\pi^0\pi^0$n at 8 GeV/c 41B (1972) 542
Apel, W.D., J. Ausländer, H. Müller, G. Sigurdsson, H.M. Staudenmaier, E. Bertolucci, I. Mannelli, G. Pierazzini, P. Rehák, A. Scribano, F. Sergiampietri, M.L. Vincelli, Results on the production cross sections π^-p → neutrals and π^-p$\chi_{2\gamma}$n at 3.8, 6, 8 and 12 GeV/c 46B (1973) 459
Apostolakis, A., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Appelquist, T., H. Quinn, Divergence cancellations in a simplified weak interaction model 39B (1972) 229
Appelqvist, Å., see P. Hornshøj 34B (1971) 591
Appelqvist, Aa., see P.G. Hansen 28B (1968) 415, 596, 663
Arrafune, J., H. Sugawara, Y. Hara, Theorems on Pomeron coupling 37B (1971) 92
Arai, E., H. Miessner, High resolution measurements of isobaric analogue states by the neutron time-of-flight method 24B (1967) 84
Arai, M., On the saturation of diffraction peak to the unitarity bound 43B (1973) 41
Arai, S., S. Fukui, N. Horikawa, R. Kajikawa, T. Kasuga, H. Kobayakawa, A. Masaike, T. Matsuda, T. Nakanishi, T. Oshima, M. Saito, S. Sugimoto, T. Yamaki, K. Amako, K. Yoshida, Asymmetry for π^+ photoproduction from polarized protons between 300 and 900 MeV at 90° 40B (1972) 426
Arbuzov, B.A., A.T. Filippov, A possible direct test of *CP* violation in the K_2^0 interactions 21B (1966) 711
Archer, J.K., see J.B. Natowitz 30B (1969) 463
Arditi, M., see H. Doubre 29B (1969) 355
Arenhövel, H., see J.B. Seaborn 23B (1966) 576
Arenhövel, H., M. Danos, Baryon resonances in nuclei: Magnetic moment anomaly in ^{3}H and ^{3}He 28B (1968) 299
Arenhövel, H., M. Danos, H.T. Willians, Baryon resonances in nuclei: Magnetic moments of the deuteron 31B (1970) 109
Arenhövel, H., G. Gneuss, V. Rezwani, Tensor polarizability in the giant dipole resonance region and collective behaviour 34B (1971) 249
Arenhövel, H., see H. T. Williams 36B (1971) 278
Arenhövel, H., On a bound (NΔ(1236))-state and its decay 49B (1974) 329
Arens, I., see R. Simon 28B (1968) 590
Areti, H., see Barcelona ... collaboration 48B (1974) 467
Arik, M., D.D. Coon, Absorptive parts and double spectral functions associated with dual amplitudes 48B (1974) 141

Arima, A., H. Horiuchi, T. Sebe, Weak coupling model of particles and holes in the sd-shell nuclei 24B (1967) 129
Arima, A., M. Harvey, K. Shimizu, Pseudo *LS* coupling and pseudo SU_3 coupling schemes 30B (1969) 517
Arima, A., G. Scharff-Goldhaber, K.W. McVoy, Possible quasi-molecular rotational bands in sd-shell nuclei 40B (1972) 7
Arima, A., S. Yoshida, Alpha-decay widths of ^{20}Ne 40B (1972) 15
Arima, A., L.J. Huang-Lin, Magnetic dipole transitions in the vicinity of ^{208}Pb 41B (1972) 429
Arima, A., L.J. Huang-Lin, Magnetic moments of odd-mass nuclei with simple configurations 41B (1972) 435
Arima, A., see T. Fujita 49B (1974) 143
Arima, A., see K. Shimizu 50B (1974) 417
Arita, K., H. Horie, Shell model calculation of the septuplet in ^{209}Bi 30B (1969) 14
Armaganian, A.A., see L.O. Abrahamian 48B (1974) 463
Armbruster, P., see W. Reisdorf 24B (1967) 501
Armbruster, P., see J.W. Grüter 33B (1970) 474
Armenian, H.K., see P. Biellière 39B (1972) 671
Armenise, N., see R. Vanderhagen 24B (1967) 493
Armenise, N., B. Ghidini, V. Picciarelli, A. Romano, A. Forino, R. Gessaroli, L. Lendinara, G. Quareni, A. Quareni-Vignudelli, A. Cartacci, M.G. Dagliana, G. Di Caporiacco, G. Parrini, M. Barrier, O. Goussu, J. Laberrigue-Frolow, D. Mettel, N.H. Khanh, J. Quinquard, A_2^0 production in π^+d interaction 25B (1967) 53
Armenise, N., B. Ghidini, V. Picciarelli, A. Romano, A. Forino, R. Gessaroli, L. Lendinara, G. Quareni, A. Quareni-Vignudelli, A. Cartacci, M.G. Dagliana, G. Di Caporiacco, G. Parrini, M. Barrier, J. Laberrigue-Frolow, J. Quinquard, $\rho\pi$ resonances in $\pi^+\pi^-\pi^0$ system 26B (1967) 336
Armenise, N., see N.B. Durusoy 45B (1973) 517
Armenteros, R., M. Ferro-Luzzi, D.W.G. Leith, R. Levi-Setti, A Minten, R.D. Tripp, H. Filthuth, V. Hepp, E. Kluge, H. Schneider, R. Barloutaud, P. Granet, J. Meyer, J.P. Porte, Resonances and other partial waves in $K^-p \to \Sigma\pi$ between 780 and 1220 MeV/*c* 24B (1967) 198
Armenteros, R., P. Baillon, C. Bricman, M. Ferro-Luzzi, D.E. Plane, N. Schmitz, E. Burkhardt, H. Filthuth, E. Kluge, H. Oberlack, R. Barloutaud, P. Granet, J. Meyer, J.P. Porte, J. Prévost, Decay modes of Σ(1660) 28B (1968) 521
Armini, A.J., J.W. Sunier, R.M. Polichar, J.R. Richardson, An isomeric state in ^{24}Al 21B (1966) 335
Armon, H., E.R. Bauminger, S. Ofer, Mossbauer effect studies of excited states of ^{155}Gd 43B (1973) 380
Armstrong, D.D., see E.M. Bernstein 26B (1967) 365
Armstrong Jr., L., C.W. Kim, Limitation on the use of impulse approximation in nuclear β-decay 41B (1972) 39
Armstrong, T.A., W.R. Hogg, G.M. Lewis, A.W. Robertson, G.R. Brookes, A.S. Clough, J.H. Freeland, W. Galbraith, A.F. King, W.R. Rawlinson, N.R.S. Tait, J.C. Thompson, D.W.L. Tolfree, The total photon-proton cross section for hadron production 34B (1971) 535
Arndt, R.A., R.A. Bryan, M.H. MacGregor, One-boson-exchange models and the nucleon-nucleon problem 21B (1966) 314
Arnett, W.D., see S.E. Woosley 38B (1972) 196
Arnison, G.T.J., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Arnold, L.G., Neutron polarizability and the two-neutron scattering length 44B (1973) 401
Arnold, R., M. Paty, J.L. Riester, A. Ferrando, A. Lloret, J.A. Rubio, C. Baglin, A. Bezaguet, B. DeGrange, P. Musset, H. Bingham, G. Irwin, W. Michael, Direct search for the decay mode $\eta \to \pi^+\pi^-\pi^0\gamma$ 27B (1968) 466
Arnold, R., I.A. Budagov, D.C. Cundy, G. Myatt, F. Nezrick, G.H. Trilling, W. Venus, H.

Yoshiki, B. Aubert, P. Heusse, E. Nagy, C. Pascaud, A measurement of the ratio of the decay rates $K_L^0 \to 2\gamma / K_L^0 \to 3\pi^0$ 28B (1968) 56
Arnold, R., see C. Baglin 29B (1969) 445
Arnold, R., see M. Haguenauer 34B (1971) 219; 37B (1971) 538
Arnold, R., B. Escoubes, N. Kurtz, A. Lloret, M. Paty, J.L. Riester, S. de Unamuno, T. Gemesy, V. Janossy, S. Krasznovsky, G. Pinter, N. Posch, F. Telbisz, Coherent production of 3 charged pions analysed by means of the longitudinal phase space plot 36B (1971) 261
Arnold, R.C., J. Steinhoff, Generalization of multipheripheral model with long range correlations: Van der Waal's approximation 45B (1973) 141
Arnold, R.C., G.H. Thomas, Evidence for critical point effects in high energy particle multiplicities 47B (1973) 371
Arnold, R.C., Binary-collision theory for multihadron production amplitudes 50B (1974) 359
Arnowitt, R., M.H. Friedman, P. Nath, Hard meson analysis of photon decays of π^0, η and vector mesons 27B (1968) 657
Arnowitt, R., see M.H. Friedman 42B (1972) 361
Arseniev, D.A., S.I. Fedotov, V.V. Pashkevich, V.G. Soloviev, The effect of changes in equilibrium deformations of the excited states of odd-A deformed nuclei on their energy and structure 40B (1972) 305
Artemov, K.P., V.Z. Goldberg, I.P. Petrov, V.P. Rudakov, I.N. Serikov, V.A. Timofeev, Negative-parity states in ^{16}O populated in the $^{12}C(^6Li, d)^{16}O$ reaction 37B (1971) 61
Artru, X., G.B. Yodh, Coulomb dissociation of relativistic nuclei 40B (1972) 43
Artukh, A.G., V.V. Avdeichikov, G.F. Gridnev, V.L. Mikheev, V.V. Volkov, J. Wilczyński, New isotopes ^{23}F, ^{24}F, ^{25}Ne and ^{26}Ne, produced in nuclear reactions with heavy ions 31B (1970) 129
Artukh, A.G., V.V. Avdeichikov, L.P. Chelnokov, G.F. Gridnev, V.L. Mikheev, V.I. Vakatov, V.V. Volkov, J. Wilczyński, New isotopes ^{21}N, ^{23}O, ^{24}O and ^{25}F, produced in nuclear reactions with heavy ions 32B (1970) 43
Artukh, A.G., V.V. Avdeichikov, J. Erö, G.F. Gridnev, V.L. Mikheev, V.V. Volkov, J. Wilczyński, Evidence for particle instability of ^{13}Be and ^{14}Be 33B (1970) 407
Arutunian, L.G., see L.O. Abrahamian 48B (1974) 463
Arvieu, R., see O. Bohigas 26B (1967) 562
Arvieu, R., see B. Lorazo 49B (1974) 231
Arvieux, J., P. Darriulat, D. Garreta, A Papineau, A. Tarrats, J. Testoni, Elastic scattering of polarized deuterons from ^4He between 18 and 22 MeV 22B (1966) 439
Arvieux, J., J. Goudergues, B. Mayer, A. Papineau, Elastic scattering of polarized deuterons by deuterium at 12.4 MeV 22B (1966) 610
Arvieux, J., S. Roman, Polarization effects in the $^7Li(p, \alpha)^4He$ reaction 26B (1967) 153
Arvieux, J., J. Pouxe, High-precision measurement of the anisotropy of the n-p differential cross section at 14 MeV 32B (1970) 468
Asai, J., see H. Ogata 48B (1974) 91
Asami, A., M.C. Moxon, W.E. Stein, A new technique for the partial wave assignment of a slow neutron resonance 28B (1968) 656
Åsberg, A., see S. Dahlgren 47B (1973) 439
Asbury, J.G., U. Becker, W.K. Bertram, P. Joos, M. Rohde, A.J.S. Smith, C.L. Jordan, S.C.C. Ting, Virtual Compton scattering at high energies 25B (1967) 565
Ascuitto, R.J., N.K. Glendenning, B. Sørensen, Confirmation of strong section order processes in (p, t) reactions on deformed nuclei 34B (1971) 17
Ascuitto, R.J., see L.J. McVay 43B (1973) 119

Ascuitto, R.J., N.K. Glendenning, The effect of indirect transitions on two nucleon transfer between heavy ions and their Q-dependence 45B (1973) 85
Ascuitto, R.J., N.K. Glendenning, On the systematics of the interference between direct and indirect modes in two-nucleon pickup and stripping reactions between heavy-ions 47B (1973) 332
Ascuitto, R.J., N.K. Glendenning, The sensitivity of the forward cross section in transfer reactions between heavy ions to the edge of the nuclear field 48B (1974) 6
Asghar, M., A. Michaudon, D. Paya, An attempt to determine the spins of ^{235}U slow neutron resonances 26B (1968) 664
Ash, W.W., K. Berkelman, C.A. Lichtenstein, A. Ramanauskas, R.H. Siemann, Measurement of the γNN^* form factor 24B (1967) 165
Ashery, D., see A.B. McDonald 31B (1970) 119
Ashford, V.A., B.C. Brown, G.E. Masek, T. Maung, E.S. Miller, H. Ruderman, D.J. Shields, W. Vernon, Measurements of $K_L^0(e3)$ charge asymmetry 38B (1972) 47
Ashibe, K., see H. Taketani 26B (1968) 660; 27B (1968) 222, 499; 28B (1968) 37
Ashmore, A., see J. Orear 28B (1968) 61
Ashton, F., H.J. Edwards, G.N. Kelly, Search for heavy mass particles in the sea level cosmic radiation 29B (1969) 249
Aspelund, O., D. Ingham, A. Djaloeis, H. Kelleter, C. Mayer-Böricke, DWBA and CCBA analysis of selected transitions in the $^{12}C(d, \tau)^{11}B$ reaction at E_d = 80 MeV 50B (1974) 441
Asratyan, A.E., S.S. Gershtein, V.S. Kaftanov, M.A. Kubantzev, V.V. Lapin, V.N. Flolmeshkin, D.N. Khovansky, Lower limit for heavy muon mass obtained from the data of the CERN neutrino experiment 49B (1974) 488
Assmann, W., see P. Sperr 49B (1974) 345
Assousa, G.E., R.A. Lasalle, C.E. Ahlfeld, H.A. Van Rinsvelt, N.P. Heydenburg, The behaviour of the angular correlation symmetry angle following inelastic scattering of ^{3}He particles from ^{12}C 26B (1967) 503
Astbury, A., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Astbury, P., G. Brautti, G. Finocchiaro, A. Michelini, D. Websdale, C.H. West, E. Polgar, W. Beusch, W.E. Fischer, B. Gobbi, M. Pepin, The charge exchange $\bar{p}p \to \bar{n}n$ at 5, 6, 7 and 9 GeV/c 22B (1966) 537
Astbury, P., G. Brautti, G. Finocchiaro, A. Michelini, D. Websdale, C.H. West, E. Polgar, W. Beusch, W.E. Fischer, B. Gobbi, M. Pepin, Further results on the charge exchange $\bar{p}p \to \bar{n}n$ at 5, 6, 7 and 9 GeV/c 23B (1966) 160
Astbury, P., G. Brautti, G. Finocchiaro, A. Michelini, K. Terwilliger, D. Websdale, C.H. West, P. Zanella, W. Beusch, W.E. Fischer, B. Gobbi, M. Pepin, E. Polgar, K^-p charge exchange at 5, 7 and 12 GeV/c 23B (1966) 396
Astbury, P., see W. Beusch 25B (1967) 357; 46B (1973) 477
Astbury, P., see M. Pepin 26B (1967) 35
Astbury, P., see P. Le Du 44B (1973) 390
Astier, A., J. Cohen-Ganouna, M. Della Negra, B. Maréchal, L. Montanet, M. Tomas, M. Baubillier, J. Duboc, Further study of the $I = 1$ $K\bar{K}$ structure near threshold 25B (1967) 294
Astier, A., see M. Aguilar-Benitez 29B (1969) 241, 379
Astner, G., see P.G. Hansen 28B (1968) 415, 596, 663
Astner, G., see I. Bergström 32B (1970) 476
Aston, D., see M.G. Albrow 29B (1969) 54; 33B (1970) 516
Astvacaturov, R.G., M.A. Azimov, I.V. Chuvilo, J. Hladký, V.I. Ivanov, M.N. Khachaturyan, M.S. Khvastunov, A.T. Matyushin, V.T. Matyushin, L.I. Zhuravleva, A.M. Baldin, A.S. Belousov, L.N. Shtarkov, Observation of the $\varphi \to e^+e^-$ decay 27B (1968) 45

Atac, M., P. Debrunner, H. Frauenfelder, Mössbauer scattering in ^{195}Pt 21B (1966) 699
Atalay, B., D.M. Brink, A. Mann, A product form for projection operators 46B (1973) 145
Atherton, H.W., L.M. Celnikier, B.R. French, J.B. Kinson, K. Myklebost, J. Pernegr, E. Quercigh, B. Sadoulet, Two-body hyperon production by 5.7 GeV/c antiprotons on protons 30B (1969) 494
Atherton, H.W., L.M. Celnikier, B.R. French, B. Ghidini, L. Mandelli, J.P. Moebes, E. Quercigh, Observation of the "forbidden" double charge exchange reaction $\bar{p}p \to \bar{\Sigma}^- \Sigma^-$ at 3.6 GeV/c 42B (1972) 522
Atherton, H.W., B.J. Franek, B.R. French, B. Ghidini, H.G. Hilpert, J.B. Kinson, L. Mandelli, J. P. Moebes, K. Myklebost, B. Nellen, E. Quercigh, V. Simak, Observation of narrow $(3\pi)^{\pm}$ peaks in the δ and A_1 regions $\bar{p}p$ annihilations at 5.7 GeV/c 43B (1973) 249
Atkinson, D., L.A.P. Balázs, F. Calogero, P. Di Vecchia, A. Grillo, M. Lusignoli, Toward a unitarization of the Veneziano model 29B (1969) 423
Atzmony, U., E.R. Bauminger, D. Froindlich, S. Ofer, The magnetic moment of the first excited 2^+ state of ^{152}Sm 26B (1967) 81
Atzmony, U., E.R. Bauminger, D. Froindlich, J. Hess, S. Ofer, Isomer shift of the 83.4 keV rotational transition of ^{153}Eu and interband mixing 26B (1967) 613
Atzmony, U., see R.M. Wheeler 31B (1970) 206
Auberson, G., O. Piguet, G. Wanders, A model for S-wave pion-pion scattering consistent with rigorous constraints 28B (1968) 41
Aubert, B., see L. Behr 22B (1966) 540
Aubert, B., see J.P. Lowys 24B (1967) 75
Aubert, B., see B. Wolff 25B (1967) 624
Aubert, B., see T. Eichten 27B (1968) 586; 40B (1972) 593; 46B (1973) 274, 281
Aubert, B., see R. Arnold 28B (1968) 56
Aubert, B., see I.A. Budagov 28B (1968) 215
Aubert, B., see D. Haidt 29B (1969) 691, 696
Aubert, B., see H.J. Steiner 36B (1971) 521
Aubert, B., see F. Romano 36B (1971) 525
Aubert, B., see F.J. Hasert 46B (1973) 121, 138
Aubert, J.J., see G. Neuhofer 39B (1972) 271; 41B (1972) 642
Aubert, J.J., see M. Metcalf 40B (1972) 703
Aubert, J.J., see F. Niebergall 49B (1974) 103
Auble, R.L., see B. H. Wildenthal 27B (1968) 628
Auble, R.L., see J.B. Ball 29B (1969) 172, 182; 30B (1969) 533
Auble, R.L., see W.E. Dorenbusch 37B (1971) 173
Auble, R.L., see S. Raman 47B (1973) 19
Aubrecht, G.J., R.C. Hwa, Pion charge radius from current algebra sum rule and short range correlation model 44B (1973) 515
Auerbach, K., B. Harms, K. Siepe, G. Wittkemper, H.J. Körner, Gyromagnetic ratio of the 564 keV state in ^{122}Te 22B (1966) 199
Auerbach, K., K. Siepe, J. Wittkemper, H.J. Körner, Gyromagnetic ratios of the first excited states in ^{100}Ru, ^{101}Ru, ^{102}Ru and ^{106}Pd 23B (1966) 367
Auerbach, N., Effective interactions, energies and seniorities in the spectra of the nickel isotopes 21B (1966) 57
Auerbach, N., Configuration mixing, seniority mixing and stripping experiments in the $f_{\frac{7}{2}}$ proton shell 24B (1967) 260
Auerbach, N., N. Stein, Particle-plus-core and doorway states in ^{207}Pb 27B (1968) 122

Auerbach, N., Particle-core coupling in ^{89}Sr 27B (1968) 127
Auerbach, N., N. Stein, Single-particle structure in the lead region 28B (1968) 628
Auerbach, N., A. Lev, The role of configuration states in isospin forbidden proton decays of $T = 3/2$ states 34B (1971) 13
Auerbach, N., The isovector monopole state and Coulomb displacement energies 36B (1971) 293
Auerbach, N., A. Lev, E. Kashy, The isobaric mass equation in $A = 4n + 1$ nuclei 36B (1971) 453
Auerbach, N., The width of the single and double analogs; a simple relation 41B (1972) 234, 542
Auerbach, N., G. Bertsch, Collective contribution to escape width of analog resonances 43B (1973) 175
Auerbach, N., Collective contribution to the spreading width of isobaric analog resonances 44B (1973) 241
Auerbach, N., J. Warszawski, Optical model studies of the $^{13}C(\pi^+, \pi^0)^{13}N$ reaction 45B (1973) 171
Auerbach, N., A. Gal, Interpretation of collective hypernuclear states produced in strangeness-exchange reactions 48B (1974) 22
Auerbach, S.P., M.R. Pennington, C. Rosenzweig, The Adler condition and high energy bounds on massless particles total cross sections 45B (1973) 275
Auger, J.P., see R.J. Lombard 36B (1971) 480
Auger, J.P., R.J. Lombard, P-nucleus elastic scattering at 1 GeV 45B (1973) 115
Auger, J.P., R.J. Lombard, High energy proton-proton total cross section and cosmic-ray data 47B (1973) 261
Auger, J.P., R.J. Lombard, High energy proton-proton total cross section and cosmic-ray data, II 48B (1974) 445
August, L.S., see I. Šlaus 23B (1966) 359
August, L.S., see J.J. Kolata 32B (1970) 277
Augustin, J.E., D. Benaksas, J.C. Bizot, J. Buon, B. Delcourt, V. Gracco, J. Haissinski, J. Jeanjean, D. Lalanne, F. Laplanche, J. Lefrançois, P. Lehmann, P. Marin, H. Nguyen Ngoc, J. Perez-y-Jorba, F. Richard, F. Rumpf, E. Silva, S. Tavernier, D. Treille, Comparison of Orsay results on vector mesons with the vector mesons dominance model predictions 28B (1968) 503
Augustin, J.E., J.C. Bizot, J. Buon, J. Haissinski, D. Lalanne, P. Marin, H. Nguyen Ngoc, J. Perez-y-Jorba, F. Rumpf, E. Silva, S. Tavernier, Study of electron-positron annihilation into $\pi^+\pi^-$ on the ρ^0 resonance 28B (1968) 508
Augustin, J.E., D. Benaksas, J. Buon, V. Gracco, J. Haissinski, D. Lalanne, F. Laplanche, J. Lefrançois, P. Lehmann, P. Marin, F. Rumpf, E. Silva, ω^0 production by e^+e^- annihilation 28B (1968) 513
Augustin, J.E., J.C. Bizot, J. Buon, B. Delcourt, J. Haissinski, J. Jeanjean, D. Lalanne, P.C. Marin, H. Nguyen Ngoc, J. Perez-y-Jorba, F. Richard, F. Rumpf, D. Treille, Study of the ϕ meson production with the Orsay electron-positron colliding beams 28B (1968) 517
Augustin, J.E., J. Buon, B. Delcourt, J. Jeanjean, D. Lalanne, H. Nguyen Ngoc, J. Perez-Y-Jorba, P. Petroff, F. Richard, F. Rumpf, D. Treille, Quantum electrodynamics test by e^+e^- scattering at 2×510 MeV 31B (1970) 673
Augustson, R.H., see R.C. Martin 24B (1967) 33
Ausländer, J., see W.D. Apel 40B (1972) 680; 41B (1972) 234; 46B (1973) 459
Auslander, V.L., G.I. Budker, Ju. N. Pestov, V.A. Sidorov, A.N. Skrinsky, A.G. Khabakpashev, Investigation of the ρ-meson resonance with electron-positron colliding beams 25B (1967) 433
Austern, N., Antisymmetrized deuteron-nucleus scattering 46B (1973) 49
Austin, S.M., G.M. Crawley, The spin-isospin dependent interaction from inelastic proton scattering on ^{6}Li 27B (1968) 570
Austin, S.M., see G.M. Crawley 32B (1970) 92
Austin, S.M., see D. Larson 41B (1972) 145; 42B (1972) 153

Auvil, P.R., Satisfying threshold conditions on partial wave amplitudes 25B (1967) 276
Auvil, P.R., F. Halzen, C. Michael, J. Weyers, Broken exchange degeneracies and secondary trajectories in charge and hypercharge exchange reactions 31B (1970) 303
Auvil, P.R., F. Halzen, B. Margolis, Interference of t and u channel amplitudes in pion nucleon scattering 32B (1970) 709
Auvil, P.R., N.G. Deshpande, Spectral sum rules based on the Wilson expansion in the $(3, \bar{3}) \oplus (\bar{3}, 3)$ model of chiral symmetry 49B (1974) 73
Avakian, R.O., see L.O. Abrahamian 48B (1974) 463
Avalos, D., see V.A. Alessandrini 29B (1969) 83
Avdeichikov, V.V., see A.G. Artukh 31B (1970) 129; 32B (1970) 43; 33B (1970) 407
Avida, R., see S.S. Hanna 40B (1972) 631
Avishai, Y., see W. Ebenhöh 29B (1969) 638
Avishai, Y., A.S. Rinat (Reiner), Coulomb effects and the question of charge-symmetry breaking in low-energy pd scattering 36B (1971) 161
Avishai, Y., A.S. Rinat (Reiner), Exact calculations of nucleon-deuteron scattering with internuclear forces including a tensor component 37B (1971) 487
Avishai, Y., Complex Hamiltonian and three α resonances 47B (1973) 222
Awaya, Y., The elastic and inelastic scattering of 14.71 MeV protons by ^{89}Y 21B (1966) 75
Awaya, Y., see M. Koike 26B (1967) 288
Ayed, R., P. Bareyre, G. Villet, Pion nucleon phase shift analysis up to 2.8 GeV/c 31B (1970) 598
Ayed, R., P. Bareyre, J. Feltesse, G. Villet, K^+p phase-shift analysis up to 2.5 GeV/c 32B (1970) 404
Ayer, F., See M. Dickenson 23B (1966) 505
Ayres, D.S., D.O. Caldwell, A.J. Greenberg, R.W. Kenney, R.J. Kurz, B.F. Stearns, Pion-antipion lifetime comparison 24B (1967) 483
Ayres de Campos, N., see W.L. Randolph 44B (1973) 36
Azemoon, T., see P. Beillière 39B (1972) 671
Azemoon, T., see G. Wilquet 42B (1972) 372
Azimov, M.A., see M.N. Khachaturyan 24B (1967) 349
Azimov, M.A., see R.G. Astvacaturov 27B (1968) 45
Azimov, S., see O. Balea 39B (1972) 571
Azimov, S., see Alma ... collaboration 48B (1974) 277
Azimov, S.A., see E.V. Anzon 31B (1970) 237, 241
Azimov, S.A., see M.G. Antonova 39B (1972) 282, 285
Azimov, Ya.I., On the possible existence of a new nucleon state 32B (1970) 499
Azimova, H., see O. Balea 39B (1972) 571
Azimova, M., see Alma ... collaboration 48B (1974) 277
Aznauryan, I.G., L.D. Soloviev, Dispersion sum rules and rotation of polarization in pion-nucleon scattering at high energies 28B (1968) 597
Aznauryan, I.G., A.N. Zaslavsky, Dispersion relations and data on the reactions $\gamma n \rightleftharpoons p\pi^-$ in the Δ(1236) resonance region 39B (1972) 226
Azooz, A.A., see J.V. Beaupré 40B (1972) 510
Azuma, R.E., see L.E. Carlson 24B (1967) 462
Azuma, R.E., see J.H. Aitken 28B (1968) 653
Azziz, N., Single-particle-collective model for ^{59}Ni 23B (1966) 337

Baacke, J., see G. Höhler 21B (1974) 223; 22B (1966) 203
Baacke, J., H. Kleinert, Backward dispersion relations for $\pi N \to \pi\Delta$ scattering and $N\Delta\gamma$ couplings 35B (1971) 159
Baacke, J., Predictions of the hydrodynamical model for e^+e^- annihilation into hadrons 49B (1974) 297
Baader, R., H. Backe, R. Engfer, K. Hesse, E. Kankeleit, W.U. Schröder, H.K. Walter, K. Wien, Muonic isomer shift measurements in Sm, W and Os isotopes and their interpretation in terms of changes in nuclear charge distribution 27B (1968) 425
Baader, R., H. Backe, R. Engfer, E. Kankeleit, W.U. Schröder, H. K. Walter, K. Wien, Measurement of the magnetic hyperfine splitting of nuclear γ rays in muonic thallium 27B (1968) 428
Baatar, C., see O. Balea 39B (1972) 571
Baatar, C., see Alma ... collaboration 48B (1974) 277
Baba, C.V.K., D.B. Fossan, T. Faestermann, F. Feilitzsch, P. Kienle, C. Signorini, The *g*-factor difference for the 6_1^+ and 8_1^+ states in ^{210}Po 43B (1973) 484
Baba, C.V.K., D.B. Fossan, T. Faestermann, F. Feilitzsch, K.E.G. Löbner, C. Signorini, Quadrupole moments of 8_1^+ states in ^{92,94}Mo 48B (1974) 218
Baba, K., see I. Endo 47B (1973) 469
Babaev, A., E. Brakhman, G. Eliseev, A. Ermilov, Yu. Galaktionov, Yu. Gorodkov, V. Kirilyuk, N. Luzhetsky, V. Lyubimov, V. Nagovitzin, V. Nozik, V. Pogidaev, V. Shepelev, E. Shumilov, I. Sidorov, I. Tikhomirov, T. Tsvetkova, O. Zeldovich, Elastic backward scattering of negative pions on neutrons at 23 and 40 GeV/*c* 38B (1972) 342
Babecki, J., see E.V. Anzon 31B (1970) 237, 241
Babecki, J., see M.G. Antonova 39B (1972) 282, 285
Babecki, J., Z. Chyliński, Z. Czachowska, O. Czyzewski, B. Furmańska, J. Gierula, R. Holyński, A. Jurak, K. Karnicka, S. Krzywdzinski, G. Nowak, W. Wolter, A. Gurtu, A.J. Herz, The angular distribution of charged particles produced in pp collision at the CERN intersecting storage rings 40B (1972) 507
Babecki, J., Z. Czachowska, B. Furmańska, J. Gierula, R. Holinski, A. Jurak, S. Krywdziński, G. Nowak, B. Slezak, W. Wolter, Multiplicity distributions in proton-nucleus collisions at 67 and 200 GeV 47B (1973) 268
Babikov, V.V., R. M. Mir-Kasimov, An equation for the potential scattering amplitude 31B (1970) 415
Babinet, R.P., see L.G. Moretto 49B (1974) 147
Babu, P., F.J. Gilman, M. Suzuki, A superconvergence relation for pseudoscalar meson-baryon scattering 24B (1967) 65
Bacci, C., R. Baldini-Cello, C. Mencuccini, A. Reale, M. Spinetti, A. Zallo, Photoproduction of the eta meson on deuterium 28B (1968) 687
Bacci, C., G. Penson, G. Salvini, B. Stella, R. Baldini-Celio, G. Capon, C. Mencuccini, G.P. Murtas, A. Reale, M. Spinetti, Multihadronic cross sections from e^+e^- annihilation at c.m. energies between 1.4 and 2.4 GeV 38B (1972) 551
Bacci, C., R. Baldini-Celio, B. Esposito, C. Mencuccini, A. Reale, G. Sciacca, M. Spinetti, A. Zallo, Angular distributions for single neutral pion photoproduction from neutrons at 450–800 MeV 39B (1972) 559
Bacci, C., G. Parisi, G. Penso, G. Salvini, B. Stella, R. Baldini Celio, G. Capon, C. Mencuccini, G.P. Murtas, M. Spinetti, A. Zallo, Wide angle electron-positron bremsstrahlung at Adone. A new limit for the existence of a heavy electron 44B (1973) 530
Bacci, C., G. Penso, G. Salvini, B. Stella, R. Baldini Celio, G. Capon, C. Mencuccini, G.P. Murtas, M. Spinetti, A. Zallo, Multihadronic cross sections from e^+e^- annihilation up to 3 GeV c.m. energy 44B (1973) 533
Bace, M., S. Okubo, Comments on some four-body K_L^0-decays 38B (1972) 429

Bacé, M., Perturbation theory in the dilation model 43B (1973) 222
Bachelier, D., M. Bernas, I. Brissaud, C. Détraz, J.P. Didelez, H. Langevin-Joliot, J. Lee, P. Radvanyi, Etude expérimentale de la réaction $D(p,\gamma)^3He$ à 156 MeV 21B (1966) 697
Bachelier, D., see M. Bernas 25B (1967) 260
Bachelier, D., M. Bernas, C. Détraz, P. Radvanyi, M. Roy, Diffusion quasi-élastique $^6Li(p, p^3He)^3H$ à 156 MeV 26B (1967) 283
Bachelier, D., see M. Roy 29B (1969) 95
Bachelier, D., M. Bernas, J.L. Boyard, J.C. Jourdain, P. Radvanyi, Pion photoproduction on ^3He at and above the 3-3 resonance 44B (1973) 44
Bacher, A.D., F.G. Resmini, R.J. Slobodrian, R. De Swiniarski, H. Meiner, W.M. Tivol, Observation of the $^3He(p, n)3p$ reaction at 25 MeV 29B (1969) 573
Bacher, A.D., see G.R. Plattner 36B (1971) 211
Back, B.B., O. Hansen, H.C. Britt, J.D. Garrett, Fission barriers for Cm isotopes: What is the nature of the $N = 152$ shell 46B (1973) 183
Backe, H., see R. Baader 27B (1968) 425, 428
Backe, H., see H.K. Walter 38B (1972) 64; 40B (1972) 197
Backe, H., see R. Link 42B (1972) 57
Backe, N., see R. Link 37B (1971) 50
Backenstoss, G., S. Charalambus, H. Daniel, H. Koch, G. Poelz, H. Schmitt, L. Tauscher, Pionic 2p-1s transitions 25B (1967) 365
Backenstoss, G., S. Charaloambus, H. Daniel, H. Koch, G. Poelz, H. Schmitt, L. Tauscher, Nuclear radii of light nuclei from muonic X-ray measurements 25B (1967) 547
Backenstoss, G., see H. Daniel 26B (1967) 281; 48B (1974) 109
Backenstoss, G., see G. Poelz 26B (1967) 331
Backenstoss, G., see H. Schmitt 27B (1968) 530
Backenstoss, G., see H. Koch 28B (1968) 279; 29B (1969) 140
Backenstoss, G., S. Charalambus, H. Daniel, Ch. Von der Malsburg, G. Poelz, H.P. Povel, H. Schmitt, L. Tauscher, Measurement of the vacuum polarization in muonic atoms 31B (1970) 233
Backenstoss, G., A. Bamberger, J. Egger, W.D. Hamilton, H. Koch, U. Lynen, H.G. Ritter, H. Schmitt, Measurements of the natural line width and energy shift of the K-mesonic $4f \rightarrow 3d$ transition in sulphur 32B (1970) 399
Backenstoss, G., T. Bunaciu, S. Charalambus, J. Egger, H. Koch, A. Bamberger, U. Lynen, H.G. Ritter, H. Schmitt, Observations of Σ hyperonic atoms 33B (1970) 230
Backenstoss, G., see A. Bamberger 33B (1970) 233
Backenstoss, G., see H.P. Povel 33B (1970) 620
Backenstoss, G., H. Daniel, H. Koch, U. Lynen, Ch. von der Malsburg, G. Poelz, H.P. Povel, H. Schmitt, K. Springer, L. Tauscher, New determination of the π^- and ν_μ masses 36B (1971) 403
Backenstoss, G., H. Daniel, K. Jentzsch, H. Koch, H.P. Povel, F. Schmeisser, K. Springer, R.L. Stearns, Muonic X-ray measurements with a high-pressure gas target 36B (1971) 422
Backenstoss, G., A. Bamberger, I. Bergström, P. Bounin, T. Bunaciu, G. Egger, S. Hultberg, H. Koch, M. Krell, U. Lynen, H.G. Ritter, A. Schwitter, R. Stearns, Strong interaction shifts and widths in light kaonic atoms 38B (1972) 181
Backenstoss, G., A. Bamberger, T. Bunaciu, J. Egger, H. Koch, U. Lynen, H.G. Ritter, H.A. Schmitt, A. Schwitter, Strong interaction effects in antiprotonic atoms 41B (1972) 552
Backenstoss, G., A. Bamberger, I. Bergström, T. Bunaciu, J. Egger, R. Hagelberg, S. Hultberg, H. Koch, Y. Lynen, H.G. Ritter, A. Schwitter, L. Tauscher, K^- mass and K^- polarizability from kaonic atoms 43B (1973) 431

Backenstoss, G., H. Daniel, H. Koch, Ch. Von der Malsburg, G. Poelz, H.P. Povel, H. Schmitt, L. Tauscher, π^--mass and vacuum polarization. A re-evaluation 43B (1973) 539
Bäcklin, A., E2/M1 mixing ratios of transitions in ^{170}Tm 24B (1967) 389
Bäcklin, A., see B. Fogelberg 36B (1971) 334
Bäckman, S.-O., J.W. Clark, W.J. Ter Louw, D.A. Chakkalakal, M.L. Ristig, Numerical comparison of reaction-matrix and Jastrow methods for nuclear matter: A reassessment 41B (1972) 247
Bäckman, S.-O., C.-G. Källman, O. Sjöberg, Calculation of Landau's Fermi-liquid parameters in pure neutron matter 43B (1973) 263
Bacon, F., G. Kaindl, H.-E. Mahnke, D.A. Shirley, Magnetic moment of the 12^- isomer of ^{196}Au 37B (1971) 181
Bacon, F., see G. Kaindl 46B (1973) 62
Bacon, T.C., see J.V. Beaupré 40B (1972) 510
Bacon, T.C., see Aachen ... Collaboration 49B (1974) 388
Bacry, H., N.P. Chang, A causal ghost-free covariant harmonic oscillator model for bosons respecting *CPT* and all that 44B (1973) 286
Badaway, O.E. see M.G. Antonova 39B (1972) 282, 285
Badier, J., A. Bonnet, Ph. Briandet, B. Sadoulet, Reactions $\bar{p}p \to \bar{\Lambda}\Lambda$ at 2.5 GeV/c 25B (1967) 152
Badier, J., see L. Moscoso 32B (1970) 513
Badier, J., see G.R. Charlton 32B (1970) 720
Badier, J., R. Bland, J.C. Chollet, T. Devlin, J.-M. Gaillard, J. Lefrançois, B. Merkel, R. Meunier, J.-P. Repellin, G. Sauvage, R. Vanderhaghen, Negative hyperon production at high energy 39B (1972) 414
Badier, J., see I. Videau 41B (1972) 213
Badier, J., R. Bland, A. Romana, R. Vanderhagen, J.C. Chollet, D. Décamp, J.M. Gaillard, J. Lefrançois, B. Merkel, J.P. Repellin, T. Devlin, R. Meunier, G. Sauvage, The Σ^-p and Σ^-d total cross sections at 19 GeV 41B (1972) 387
Badier, S., A quark model for parity violating non leptonic decays 24B (1967) 157
Badier, S., Energy-dependence of symmetry breaking for two-body processes 41B (1972) 511
Baehre, G., see W. Henning 31B (1970) 203
Baer, H.W., J.J. Kraushaar, J.R. Shepard, B.W. Ridley, New 0^+ states in ^{50}Cr observed via the (p, t) reaction 35B (1971) 395
Baer, H.W., see J.D. Vergados 41B (1972) 560
Bagchus, A., see M.G. Albrow 44B (1973) 207, 518
Baggett, M., N. Baggett, F. Eisele, H. Filthuth, H. Frehse, V. Hepp, E. Leitner, G. Zech, A measurement of radiative Λ decays 42B (1972) 379
Baggett, N., see M. Baggett 42B (1972) 379
Bagieu, G., see R. De Swiniarski 43B (1973) 27
Baglin, C., A. Bezaguet, B. Degrange, F. Jacquet, P. Musset, U. Nguyen-Khac, G. Nihoul-Boutang, H.H. Bingham, W. Michael, Direct search for the *C*-violating decay $\eta^0 \to \pi^0 e^+ e^-$ 22B (1966) 219
Baglin, C., A. Bezaguet, B. Degrange, F. Facquet, R.J. Kurz, P. Musset, U. Nguyen-Khac, A. Haatuft, A. Halsteinlid, J.M. Olsen, Direct evidence for the decay mode $\omega^0 \to \pi^0\gamma$ 23B (1966) 286
Baglin, C., A. Bezaguet, B. Degrange, F. Jacquet, P. Musset, N. Nguyen-Khac, G. Nihoul-Boutang, H.H. Bingham, W. Michael, Further results in direct search for *C* violating decay mode $\eta^0 \to \pi^0 e^+ e^-$ 24B (1967) 637
Baglin, C., see F. Jacquet 25B (1967) 574
Baglin, C., see R. Arnold 27B (1968) 466
Baglin, C., A. Bezaguet, B. Degrange, P. Musset, H.H. Bingham, G. Irwin, W. Michael, A. Ferrando, A. Lloret, J.A. Rubio, M. Tomas, S. De Unamuno, M. Paty, J.L. Riester, R. Arnold, Heavy liquid chamber analysis of $\eta^0 \to 3\pi$ and $\eta^0 \to \gamma\gamma$ decay modes 29B (1969) 445

Baglin, C., see V. Chabaud 38B (1972) 441, 445, 449; 41B (1972) 209
Baglin, C., see A. Eide 41B (1972) 225
Baglin, C., see F.H. Schmidt 45B (1973) 157
Baglin, C., P. Briandet, P.J. Carlson, B. D'Almagne, Å. Eide, P. Fleury, V. Gracco, E. Johansson, P. Lehmann, A. Lundby, S. Mukhin, A. Navarro-Savoy, A. Pevsner, F. Richard, G. De Rosny, L. Staurset, D. Treille, Large-angle π^+p elastic scattering at 10 GeV/c 47B (1973) 85
Baglin, C., P. Briandet, P.J. Carlson, B. D'Almagne, Å. Eide, P. Fleury, V. Gracco, E. Johansson, P. Lehmann, A. Lundby, S. Mukhin, A. Navarro-Savoy, A. Pevsner, F. Richard, G. De Rosny, L. Staurset, D. Treille, Large-angle K^+p elastic scattering at 10 GeV/c 47B (1973) 89
Baglin, J.E.E., see M.N. Thompson 25B (1967) 256
Baglin, J.E.E., see C.-P. Wu 29B (1969) 359
Bagradov, G., see S. Barshay 43B (1973) 359
Bahcall, J.N., N.A. Bahcall, W.A. Fowler, G. Shaviv, Solar neutrinos and low-energy nuclear cross sections 26B (1967) 359
Bahcall, J.N., S.C. Frautschi, Lepton non-conservation and solar neutrinos 29B (1969) 623
Bahcall, N.A., see J.N. Bahcall 26B (1967) 359
Bahnsen, A., see C.J. Christensen 26B (1967) 11
Bahnsen, A., R.L. Burman, Proton proton bremsstrahlung at 20 MeV 26B (1967) 585
Bähr, K., W. Fitz, R. Jahr, R. Santo, A study of the mirror reactions ^{10}B(d, t)^{9}B and ^{10}B(d, ^{3}He)^{9}Be at 11.8 MeV 21B (1966) 686
Bähr, K., see T. Becker 24B (1967) 458
Baier, R., see N.G. Antoniou 37B (1971) 501
Baier, V.N., V.S. Fadin, Radiative corrections to the resonant particle production 27B (1968) 223
Baier, V.N., V.S. Fadin, Large angle electroproduction of electron-positron pairs 35B (1971) 156
Baier, V.N., V.S. Fadin, V.M. Katkov, E.A. Kuraev, Photon splitting into two photons in a Coulomb field 49B (1974) 385
Bailey, D.C., see J.L. Durell 29B (1969) 100
Bailey, G.M., G.M. Griffiths, T.W. Donnelly, Influence of a ^{4}D component in ^{3}He on the D(p, γ)^{3}He direct capture cross section 24B (1967) 222
Bailey, J., W. Bartl., G. Von Bochmann, R.C.A. Brown, F.J.M. Farley, H. Jöstlein, E. Picasso, R.W. Williams, Precision measurement of the anomalous magnetic moment of the muon 28B (1968) 287
Bailey, J., A. Placci, E. Polacco, E. Zavatini, K. Ziock, G. Carboni, U. Gastaldi, G. Gorini, G. Neri, G. Torelli, Measurements of pionic X-rays from hydrogen 33B (1970) 369
Bailey, J., D.V. Bugg, U. Gastaldi, P. Hattersley, D.R. Jeremiah, E. Klempt, K. Neubecker, E. Polacco, J. Warren, The πd scattering length from K_α X-rays 50B (1974) 403
Baillie, A.D., see K.W.D. Ledingham 50B (1974) 247
Baillon, P., see R. Armenteros 28B (1968) 521
Baillon, P., F. Bulos, R.K. Carnegie, G.E. Fischer, E.E. Kluge, D.W.G.S. Leith, H.L. Lynch, B. Ratcliff, B. Richter, H.H. Williams, S.H. Williams, Comparison of absorptive one pion exchange model with measurements of π^-p → $\pi^+\pi^-$n 35B (1971) 453
Baillon, P., R.K. Carnegie, E.E. Kluge, D.W.G.S. Leith, H.L. Lynch, B. Ratcliff, B. Richter, H.H. Williams, S.H. Williams, Study of $\pi^+\pi^-$ scattering in π^-p → $\pi^+\pi^-$X^0 via a Chew Low extrapolation 38B (1972) 555
Baillon, P., C. Bricman, M. Ferro-Luzzi, J.M. Perreau, R.D. Tripp, T. Ypsilantis, Y. Déclais, J. Séguinot, Measurement of the real part of the forward scattering amplitude in $K^{\pm}$p elastic scattering between 0.9 and 2.6 GeV/c 50B (1974) 377

Baillon, P., C. Bricman, M. Ferro-Luzzi, J.M. Perreau, R.D. Tripp, T. Ypsilantis, Y. Déclais, J. Séguinot, The N Λ K coupling constant 50B (1974) 383
Baillon, P., C. Bricman, Ph. Eberhard, M. Ferro-Luzzi, J.M. Perreau, R.D. Tripp, T. Ypsilantis, Y. Déclais, H. Séquinot, The real part of the forward scattering amplitude in $\pi^{\pm}$p elastic scattering below 2 GeV/c 50B (1974) 387
Baiquni, A., A.O. Barut, Improved calculation of the structure functions of the nucleon in the O(4, 2)-infinite multiplet model 46B (1973) 423
Baisch, H., see H.G. Hilpert 27B (1968) 474
Bajpai, R.P., A. Donnachie, π^{o} photoproduction without a B trajectory or cuts 30B (1969) 344
Bajukov, Y.D., N.G. Birguer, G.K. Bisheva, V.S. Borisov, V.B. Fedorov, L.L. Goldin, L.N. Kondratjev, M.M. Korotkov, G.A. Leksin, V.D. Schovansky, Z.S. Sidorenko, L.I. Sokolov, G.K. Tumanov, L.S. Vorobjev, p-d elastic scattering at large angles in the energy region 1-3.5 GeV 24B (1967) 598
Baker, F.T., R. Tickle, Coulomb excitation by 45 MeV alpha particles 32B (1970) 47
Baker, F.T., T.H. Kruse, M.E. Williams, J.L. Matthews, W. Savin, The phase and shape of the form factor for inelastic ^{3}He scattering 40B (1972) 355
Baker, H.C., E.Y.C. Lu, E. Schrauner, Light-cone limits, Regge limits and massive lepton-pair production 38B (1972) 110
Baker, K.D., W.D. Hamilton, An angular correlation method to test parity violation in ^{203}Tl 31B (1970) 557
Baker, S.D., see D.M. Hardy 31B (1970) 355
Baker, T.F., P.J.A. Buttle, L.J.B. Goldfarb, The sudden approximation as applied to deuteron stripping at low energies 27B (1968) 348
Baker, W.F., P.J. Carlson, V. Chabaud, A. Lundby, E.G. Michaelis, J. Banaigs, J. Berger, C. Bonnel, J. Duflo, L. Goldzahl, F. Plouin, The angular distribution of backward elastically scattered pion at 3.55 GeV/c 23B (1966) 605
Baker, W.F., see J. Banaigs 24B (1967) 317
Baker, W.F., P.J. Carlson, V. Chaboud, A. Lundby, J. Banaigs, J. Berger, C. Bonnel, J. Duflo, L. Goldzahl, F. Plouin, Backward πp elastic scattering at 2.85 and 3.30 GeV/c 25B (1967) 361
Baker, W.F., K. Berkelman, P.J. Carlson, G.P. Fisher, P. Fleury, D. Hartill, R. Kalbach, A. Lundby, S. Mukhin, R. Nierhaus, K.P. Pretzl, J. Woulds, Kp and πp backward elastic scattering at 5.2 and 6.9 GeV/c 28B (1968) 291
Bakken, V., see H. Boggild 30B (1969) 369
Bakker, A.M., see G. Giacomelli 33B (1970) 373
Bakker, G., see J. Goldberg 30B (1969) 434
Balachandran, A.P., M.L. Blackman, Integral inequalities for the s- and p-wave ππ partial-wave amplitudes due to crossing symmetry and positivity 31B (1970) 655
Balakin, V.E., G.I. Budker, E.V. Pakhtusova, V.A. Sidorov, A.N. Skrinskiy, G.M. Tumaikin, A.G. Khabakhpashev, Experiment on 2γ-quantum annihilation on the VEPP-2 34B (1971) 99
Balakin, V.E., G.I. Budker, E.V. Pakhtusova, V.A. Sidorov, A.N. Skrinsky, G.M. Tumaikin, A.G. Kahbakhpashev, Investigation of the φ-meson resonance by electron-positron colliding beams 34B (1971) 328
Balakin, V.E., A.D. Bukin, E.V. Pakhtusova, V.A. Sidorov, A.G. Khabakhpashev, Evidence for electron-positron pair electroproduction 34B (1971) 663
Balakin, V.E., G.I. Budker, L.M. Kurdadze, A.P. Onuchin, E.V. Pakhtusova, S.I. Serednyakov, V.A. Sidorov, A.N. Skrinsky, A.G. Khabakhpashev, Test of quantum electrodynamics by $e^{+}e^{-} \to \mu^{+}\mu^{-}$ 37B (1971) 435
Balakin, V.E., A.D. Bukin, E.V. Pakhtusova, V.A. Sidorov, A.G. Khabakhpashev, φ-Meson mass determination 40B (1972) 431

Balakin, V.E., G.I. Budker, L.M. Kurdadze, A.P. Onuchin, E.V. Pakhtusova, S.I. Serednyakov, V.A. Sidorov, A.N. Skrinsky, Measurement of the electron-positron annihilation cross-section in $\pi^+\pi^-$, K^+K^--pairs at the total energy 1.18–1.34 GeV 41B (1972) 205
Balamuth, D.P., see R.W. Zurmühle 44B (1973) 453
Balashov, V.V., E.L. Yadrovsky, Nucleon widths of isobaric analogue states in nuclei 22B (1966) 507
Balashov, V.V., E.L. Yadrovsky, On (γ, p) and (γ, n) reactions mechanism in the medium and heavy nuclei region 22B (1966) 509
Balashov, V.V., E.L. Yadrovsky, Nucleon widths of isobaric analogue states in nuclei II 25B (1967) 67
Balashov, V.V., N.M. Kabachnik, Semi-schematical model of the coupling of the particle-hole and 2 particle-2 hole states in the continuum 25B (1967) 316
Balashov, V.V., S.I. Grishanova, Isobaric analogue resonance as a collective effect of strong coupling of channels 28B (1968) 157
Balashov, V.V., G. Ya. Korenman, Behaviour of nucleon-nucleus interaction cross-section in the high energy region 31B (1970) 310
Balashov, V.V., S.I. Grishanova, N.M. Kabachnik, V.M. Kulikov, Unified description of inelastic and quasielastic electron scattering from nuclei 36B (1971) 325
Balashov, V.V., V.L. Korotkikh, V.N. Mileev, On the excitation of discrete nuclear levels in particle production 49B (1974) 120
Balatz, M.Ya., V.M. Berezin, M.E. Vishnevsky, N.D. Galanina, V.N. Markisov, V.A. Murisov, V.V. Memelov, F.A. Pavlovsky, Yu.A. Semenov, V.I. Chistilin, E.O. Agasian, $K_1^0 - K_2^0$ mass difference 26B (1967) 320
Balázs, L.A.P., An $I = 1$ $\pi\pi$ dynamical calculation using finite-energy sum rules and unitarity 28B (1968) 269
Balázs, L.A.P., A dynamical method satisfying unitarity and using the Veneziano model 29B (1969) 228
Balázs, L.A.P., see D. Atkinson 29B (1969) 423
Balázs, L.A.P., Application of duality to the multiperipheral model 35B (1971) 519
Balázs, L.A.P., An indirect calculation of the triple-pomeron vertex at $t = 0$ 37B (1971) 528
Balázs, L.A.P., Calculation of the ρρP triple-Regge vertex from two-body scattering data assuming duality and an f-coupled pomeron 40B (1972) 269
Balázs, L.A.P., Average nonlinear duality and the Pomeron for two-body and inclusive processes 42B (1972) 276
Balázs, L.A.P., Calculation of average multiplicity in a simple scheme incorporating the Harari pomeron-intercept hypothesis 45B (1973) 40
Balázs, L.A.P., Deviation from scaling in the triple-Regge region of pp → pX and f/p universality 48B (1974) 232
Balcarcel, R., J.A.R. Griffith, Total reaction cross sections for 29 MeV ^{3}He particles 26B (1967) 213
Baldi, R., see F.J. Hasert 46B (1973) 138
Baldin, A.M., see M.N. Khachaturyan 24B (1967) 349
Baldin, A.M., see R.G. Astvacaturov 27B (1968) 45
Baldin, A.M., see J. Hladky 31B (1970) 475
Baldin, A.M., V.A. Suleymanov, A possible method of testing the universality of strong interactions 37B (1971) 305
Baldini-Celio, R., see C. Bacci 28B (1968) 687; 38B (1972) 551; 39B (1972) 559; 44B (1973) 530, 533
Baldo Ceolin, M., see L. Behr 22B (1966) 540
Baldridge, W., N. Freed, J. Gibbons, Semi-realistic shell model studies in the lead region. I. ^{211}Pb, ^{209}Tl, ^{209}Po 36B (1971) 179
Baldridge, W., N. Freed, J. Gibbons, Semi-realistic shell model studies in the lead region. II. ^{211}Bi 46B (1973) 341

Balea, E., O. Balea, B. Boldea, S. Felea, D. Pantea, T. Ponta, C. Besliu, F. Cotorobai N. Nicorovici, A scaling test in π^- p semi-inclusive reactions 46B (1973) 389

Balia, O., V. Boldea, S. Felea, T. Pota, L. Jenik, D. Kiss, S. Krasznovzky, G. Pinter, L. Aniola, J. Bartke, E. Eskreys, S. Kowalczyk, A. Kwiatkowska, W. Zielinski, A. Adburakhimov, N. Angelov, V. Belyakov, N. Fadeev, V. Grishin, Sh. Inogamov, G. Jansco, T. Kanarek, E. Kladnitskaya, J. Kohly, A. Kuznetsov, V. Lyubimov, N. Melnikova, V. Popova, M. Sabau, L. Smirnova, M. Soloviev, Kh. Supichakov, Yu. Tevzadze, K. Vishnevskaya, B. Yuldashev, Nguen Din Ty, V. Ammosov, I. Danilchenko, P. Ermolov, A. Fenyuk, L. Gerdyukov, P. Gorichev, E. Kistenev, S. Klimenko, E. Kuznetsov, B. Manyukov, V. Makeev, S. Parshikura, A. Rybin, E. Shcherbakov, A. Vorobyov, P. Kerachev, V. Penev, Kh. Semerdjiev, A. Shklovskaya, K. Abdullaeva, M. Azimova, S. Azimov, S. Batraev, K. Igamberdiev, Kh. Rizaev, E. Trunova, T. Usmanov, A. Yuldashev, L. Abesalashvili, N. Amaglobeli, M. Chargeishvili, M. Dasaeva, D. Gersamia, C. Khomasuridze, T. Kvachadze, R. Salukvadze, O. Shakulashvili, I. Tuliani, C. Baatar, B. Chadraa, D. Tuvdenborg, G. Sharkhu, M. Bardanin-Otwinowska, R. Gokieli, L. Michejda, S. Otwinowski, H. Piotrowska, R. Sosnowski, M. Szeptycka, W. Wojcik, A. Wroblewski, A. Zieminski, Multuplicity distributions in π^- p, π^- n and π^- C interactions at pc = 40 GeV 39B (1972) 571

Balea, O., see E. Balea 46B (1973) 389

Balea, O., see Alma ... Collaboration 48B (1974) 277

Bali, N.F., L.S. Brown, R.D. Peccei, A. Pignotti, Scaling and the angular distribution of cosmic ray events 33B (1970) 175

Ball, A.E., see A. Denning 26B (1967) 437

Ball, G.C., J. Cerny, A J dependence in the (^{3}He, α) reaction confirming new spectroscopic assignments in ^{14}N and ^{13}C 21B (1966) 551

Ball, G.C., see J.S. Forster 32B (1970) 451

Ball, G.C., J.S. Forster, D. Ward, C.F. Monahan, The $K^\pi = \frac{1}{2}^+$ rotational band in ^{43}Sc 37B (1971) 366

Ball, G.C., J.G. Costa, W.G. Davies, J.S. Forster, J.C. Hardy, A.B. McDonald, Use of the ^{14}C(^{18}O, ^{12}Be)^{20}Ne reaction to measure the mass of ^{12}Be 49B (1974) 33

Ball, J.B., see C.B. Fulmer 24B (1967) 505

Ball, J.B., M.R. Cates, The ^{91}Zr(^{3}He, d) reaction to the positive and negative parity low-lying states in ^{92}Nb 25B (1967) 126

Ball, J.B., see A. Scott 25B (1967) 463

Ball, J.B., R.L. Auble, P.G. Roos, The (p, t) reaction on the even zirconium isotopes 29B (1969) 172

Ball, J.B., J.B. McGrory, R.L. Auble, K.H. Bhatt, Calculated energy levels for ^{92}Mo and ^{94}Ru 29B (1969) 182

Ball, J.B., R.L. Auble, J. Rapaport, C.B. Fulmer, Levels in ^{140,142,144}Nd and a search for pairing vibrations at N = 82 with the (p, t) reaction 30B (1969) 533

Ball, J.B., see W.E. Dorenbusch 37B (1971) 173

Ball, J.B., J.B. McGrory, J.S. Larsen, Calculated energy levels for ^{89}Y, ^{90}Zr, ^{91}Nb, ^{92}Mo, ^{93}Tc and ^{94}Ru 41B (1972) 581

Ball, J.B., see J.S. Larsen 41B (1972) 205

Ball, J.B., O. Hansen, J.S. Larsen, D. Sinclair, F. Videbaek, The (^{16}O, ^{15}N) reaction at forward angles 49B (1974) 348

Ball, J.N., A remark on the level structure of ^{93}Mo and the failure of j-determination by spectroscopic factor ratios near closed shells 41B (1972) 55

Ball, J.S., F. Zachariasen, Unitary nonshrinking diffraction peaks 30B (1969) 558

Ball, J.S., G. Marchesini, F. Zachariasen, Phenomenological implications of colliding Regge poles and cuts 31B (1970) 583

Ball, J.S., F. Zachariasen, Self-consistent diffraction in the multiperipheral model 40B (1972) 411
Ball, J.S., F. Zachariasen, Experimental consequences of multiperipheral bootstrap model 41B (1972) 525
Ballam, J., G.B. Chadwick, Z.G.T. Guiragossián, A. Levy, M. Menke, P. Seyboth, G. Wolf, γp interactions at 5.25 GeV 30B (1969) 421
Ballam, J., G.B. Chadwick, Z.G.T. Guiragossián, W.B. Johnson, D.W.G.S. Leith, K. Morivasu, A study of the reaction $\pi^- p \to \pi^- \pi^+$ at 16 GeV/c 31B (1970) 489
Ballam, J., see Y. Eisenberg 34B (1971) 439
Ballam, J., see H.H. Bingham 41B (1972) 635
Ballini, R., N. Cindro, J. Delaunay, J. Fouan, M. Loret, J.P. Passerieux, Levels in ^{60}Ni and ^{62}Ni at high excitation energies 21B (1966) 708
Ballini, R., N. Cindro, J. Delaunay, J.P. Fouan, O. Nathan, J.P. Passerieux, The reaction ^{207}Pb(d, pγ_0)^{208}Pb at 10 MeV 26B (1967) 215
Ballini, R., see A. Tellez 29B (1969) 655
Baltay, C., L. Kirsch, H.H. Kung, N. Yeh, M. Rabin, Production of the neutral A_2 meson in the reaction $\pi^+ + p \to N^{*++} + \pi^+ + \pi^- + \pi^0$ 25B (1967) 160
Baltay, C., A. Bridgewater, W.A. Cooper, L.K. Gershwin, M. Habibi, N. Yeh, A. Gaigalas, Measurement of the Ξ^*(1530) mass, width, and mass difference 42B (1972) 129
Baltay, C., see F.J. Hasert 46B (1973) 121
Baluni, V., A determination of the radii of elementary particles (π, p) based on the analytical properties of their form factors 38B (1972) 535
Bamberger, A., see G. Backenstoss 32B (1970) 399; 33B (1970) 230; 38B (1972) 181; 41B (1972) 552; 43B (1973) 431
Bamberger, A., U. Lynen, H. Piekarz, J. Piekarz, B. Povh, H.G. Ritter, G. Backenstoss, T. Bunaciu, J. Egger, W.D. Hamilton, H. Koch, Observation of antiprotonic atoms 33B (1970) 233
Bamberger, A., M.A. Faessler, U. Lynen, H. Piekarz, J. Piekarz, J. Pniewski, B. Povh, H.G. Ritter, V. Soergel, Observation of γ-rays from the excited states of hypernuclei 36B (1971) 412
Bamberger, A., G.F. Dell Jr., H. Uto, L.C.L. Yuan, P.W. Alley, Transition radiation detector for relativistic particles at accelerator energies 43B (1973) 153
Bampton, P.F., see F.R. Hudson 27B (1968) 84
Banaigs, J., see W.F. Baker 23B (1966) 605; 25B (1967) 361
Banaigs, J., J. Berger, C. Bonnel, J. Duflo, L. Goldzahl, F. Plouin, W.F. Baker, P.J. Carlson, V. Chabaud, A. Lundby, Backward Kp elastic scattering at 3.55 GeV/c 24B (1967) 317
Banaigs, J., J. Berger, L. Goldzahl, T. Risser, L. Vu-Hai, M. Cottereau, C. Le Brun, F.L. Fabbri, P. Picozza, Observation of the ABC effect in the reaction d + d $\to \alpha$ + (mm)^0 43B (1973) 535
Banaigs, J., J. Berger, L. Goldzahl, T. Risser, L. Vu-Hai, M. Cottereau, C. Le Brun, A study of the reactions d + p $\to \tau + \pi^0$ and d + p $\to \tau + \eta^0$ 45B (1973) 394
Banaigs, J., J. Berger, L. Goldzahl, L. Vu Hai, M. Cottereau, C. Le Brun, F.L. Fabbri, P. Picozza, High-energy coherent interaction of deuterons on protons 45B (1973) 535
Band, I.M., V.N. Guman, L.A. Sliv, Yu.I. Kharitonov, Residual interaction in nuclei 28B (1968) 313
Bander, M., R.M. Barnett, D. Silverman, Existence of three scaling regions at large transverse momentum 48B (1974) 243
Bane, J.C., K.T. Mahanthappa, Cabibbo angle and 27-plet driving terms 31B (1970) 371
Banerjee, B., see K.R. Snadhya Devi 32B (1970) 179
Banerjee, B., see H.R. Dalafi 44B (1973) 327
Banerjee, H., J.B. French, Spectroscopic averaging 23B (1966) 245
Banerjee, H., B. Dutta-Roy, Low energy pion-nucleon scattering 24B (1967) 413
Banerjee, H., The Kl_3 puzzle and current algebra 32B (1970) 691

Banerjee, M.K., see G.J. Stephenson Jr. 24B (1967) 209
Banerjee, P.K., see M.K. Srivastava 29B (1969) 635
Banerjee, P.K., see M.K. Srivastava 31B (1970) 499
Bang, J., J.M. Hansteen, Surface correlations in ^{6}Li 24B (1967) 645
Bang, J., see C.Y. Wong 29B (1969) 143
Bang, J., S. Wollesen, A two-step process in two-particle transfer reactions 33B (1970) 395
Bang, J., P.D. Kunz, Nuclear excitation of giant dipole and quadrupole resonances 37B (1971) 128
Bang, J., see F.A. Gareev 49B (1974) 239
Bang, J.M., ϕ. Saethre, On the form factor in inelastic deuteron scattering 28B (1968) 99
Banner, M., J.F. Detoeuf, M.L. Fayoux, J.L. Hamel, J. Movchet, L. Van Rossum, J. Cheze, J. Teiger, J. Zsembery, Search for an isobar of isotopic spin $T = \frac{5}{2}$ 21B (1966) 582
Banner, M., M.L. Fayoux, J.L. Hamel, J. Zsembery, J. Cheze, J. Teiger, Search for a boson resonance of mass 960 MeV 25B (1967) 300
Banner, M., J. Cheze, J.L. Hamel, G. Marel, J. Teiger, J. Zsembery, Search for the resonance δ^+, of mass 960 MeV in the reaction $p + p \rightarrow d + \delta^+$ 25B (1967) 569
Banner, M., J.L. Hamel, J.P. Pansart, A.V. Stirling, J. Teiger, H. Zaccone, J. Zsembery, G. Bassompierre, M. Croissiaux, J. Gresser, R. Morand, M. Riedinger, M. Schneegans, Charged particle productions at 90° in the center of mass in very high energy proton-proton collisions 41B (1972) 547
Banner, M., J.L. Hamel, J.P. Pansart, A.V. Stirling, J. Teiger, H. Zaccone, J. Zsembery, G. Bassompierre, M. Croissiaux, J. Gresser, R. Morand, M. Riedinger, M. Schneegans, Large transverse momentum particle production at 90° in proton-proton collisions at the ISR 44B (1973) 537
Bansal, R.K., Spectral averages in transfer reactions involving targets with single active shell 27B (1968) 184
Bansal, R.K., Iso-spin centroids for single-nucleon transfer reactions involving multi-shell target states 40B (1972) 189
Banville, M., see P.A. Simard 38B (1972) 461
Baranger, E.U., J.P. Vary. The convergence of the effective shell-model interaction in the sd-shell 41B (1972) 568
Baranger, M., see S.J. Krieger 22B (1966) 607
Barash-Schmidt, N., see M. Roos 33B (1970) 1
Barash-Schmidt, N., see P. Söding 39B (1972) 1
Bar-Avraham, E., see C.C. Chang 28B (1968) 175
Barbaro-Galtieri, A., see M. Roos 33B (1970) 1
Barbaro-Galtieri, A., see M. Alston-Garnjost 33B (1970) 607; 34B (1971) 156; 36B (1971) 152; 39B (1972) 402
Barbaro-Galtieri, A., see S.A. Flatté 34B (1971) 551
Barbaro-Galtieri, A., see S.M. Flatté 38B (1972) 232
Barbaro-Galtieri, A., see P. Söding 39B (1972) 1
Barbaro-Galtieri, A., see S.U. Chung 47B (1973) 526
Barbaro-Galtieri, A., see W.F. Buhl 48B (1974) 388
Barbashov, B.M., S.P. Kuleshov, V.A. Matveev, A.N. Sissakian, A.N. Tavkhelidze, Problem of quasipotential smoothness in quantum field theory models 33B (1970) 419
Barbashov, B.M., S.P. Kuleshov, V.A. Matveev, V.N. Pervushin, A.N. Sissakian, A.N. Tavkhelidze, Straight-line paths approximation for studying high-energy elastic hadron collisions in quantum field theory 33B (1970) 484
Barber, D.P., see M.G. Albrow 29B (1969) 54; 33B (1970) 516; 40B (1972) 136; 42B (1972) 279; 44B (1973) 207, 518

Barber, P.C., T.A. Broome, B.G. Duff, F.F. Heymann, D.C. Imrie, G.J. Lush, B.R. Martin, K.M. Potter, D.M. Ritson, L.A. Robbins, R.A. Rosner, S.J. Sharrock, A.D. Smith, R.C. Hanna, A.T. Lea, E.J. Sacharides, K^+p elastic differential cross section measurements between 1.4 and 2.3 GeV/c and a phase shift analysis 32B (1970) 214
Barbiellini, G., see B. Borgia 35B (1971) 340
Barbiellini, G., see M. Holder 35B (1971) 355, 361; 36B (1971) 400
Barbiellini, G., M. Bozzo, P. Darriulat, G. Diambrini-Palazzi, G. De Zorzi, M. Holder, A. McFarland, G. Maderni, P. Mery, S. Orito, J. Pilcher, C. Rubbia, G. Sette, A. Staude, P. Strolin, K. Tittel, Experimental observation of the angular distribution of charged particles around 90° in the centre of mass produced by proton-proton collisions at very high energies 36B (1972) 294
Barbiellini, G., M. Bozzo, P. Barriulat, G. Diambrini-Palazzi, G. De Zorzi, A. Fainberg, M.I. Ferreo, M. Holder, A. McFarland, G. Maderni, S. Orito, J. Pilcher, C. Rubbia, A. Santroni, G. Sette, A. Staude, P. Strolin, K. Tittel, Small-angle proton-proton elastic scattering at very high energies ($460\ \text{GeV}^2 < s < 2900\ \text{GeV}^2$) 39B (1972) 663
Barbiellini, G., P. Darriulat, A. Fainberg, M. Holder, G. Maderni, S. Orito, E. Radermacher, C. Rubbia, A. Staude, P. Strolin, K. Tittel, Determination of the difference of phase between $\eta_{00} = A(K_L \to \pi^0\pi^0)/A(K_S \to \pi^0\pi^0)$ and $\eta_{+-} = A(K_L \to \pi^+\pi^-)/A(K_S \to \pi^+\pi^-)$ 43B (1973) 529
Barbier, M.P., R.M. Lombard, J.M. Moss, Y.D. Terrien, Inelastic scattering of 24.5 MeV polarized protons from ^{152}Sm 34B (1971) 386
Barbieri, R., P. Christillin, E. Remiddi, On the theoretical value of positronium ground state splitting 43B (1973) 411
Barbieri, R., E. Remiddi, Sixth order electron and muon $(g-2)/2$ from second order vacuum polarization insertion 49B (1974) 468
Barbour, I.M., J.E. Hendry, The E2 transition in the photodisintegration of ^3He 38B (1972) 151
Barcelona–Batavia–Belgrade–Bucharest–Lund–Lyons–Montreal–Nancy–Ottawa–Paris–Rome–Strasbourg–Valencia collaboration, Nuclear interactions of 200 GeV protons in emulsion 48B (1974) 467
Barclay Adams, J., The effect of strong correlations on baryon-baryon weak interactions 22B (1966) 463
Barclay Adams, J., Erratum 23B (1966) 491
Bardadin-Otwinowska, M., L. Michejada, S. Otwinowski, R. Sosnowski, On the correlation between longitudinal and transverse momenta of secondaries in high energy interactions 21B (1966) 351
Bardadin-Otwinowska, M., M. Danysz, T. Hofmokl, S. Otwinowski, H. Piotrowska, R. Sosnowski, M. Szeptycka, A. Wróblewski, Evidence for the production of $N^*(2830)$ in π^+-p interactions at 8 GeV/c 21B (1966) 357
Bardadin-Otwinowska, M., see S. Brandt 22B (1966) 109, 230
Bardadin-Otwinowska, M., see J. Bartsch 22B (1966) 357; 28B (1968) 439
Bardadin-Otwinowska, M., see M. Aderholz 24B (1967) 434
Bardadin-Otwinowska, M., see R. Speth 29B (1969) 252
Bardadin-Otwinowska, M., see O. Balea 39B (1972) 571
Baradin-Otwinowska, see K. Paler 48B (1974) 151
Bardakçi, K., H. Ruegg, Reggeized resonance model for the production amplitude 28B (1968) 342
Bardakçi, K., H. Ruegg, Meson resonance couplings in a five-point Veneziano model 28B (1968) 671
Bardeen, W.A., E. Wayne Torigoe, The K^- nucleon interaction in K mesic atoms 38B (1972) 135
Bardeen, W.A., R.D. Peccei, A. Reverse multi-regge bootstrap 45B (1973) 353
Bardin, D. Yu., S.M. Bilenky, B. Pontecorvo, On the $\bar{\nu}_e + e \to \bar{\nu}_e +$ process 32B (1970) 68
Bardin, D.Yu., S.M. Bilenky, B. Pontecorvo, On the ν-ν interaction 32B (1970) 121

Bardin, R.K., P.J. Gollon, J.D. Ullman, C.S. Wu, Double beta decay in ^{48}Ca and the conservation of leptons 26B (1967) 112
Bardwick, J., see R. Tickle 36B (1971) 32
Bareyre, P., see R. Ayed 31B (1970) 598; 32B (1970) 404
Barford, N.C., see J. Bartsch 22B (1966) 357; 27B (1968) 336; 33B (1970) 186
Bar-Gadda, U., C.F. Cho, Pi-muonium: a determination of the pion charge radius 46B (1973) 95
Barger, V., D. Cline, Backward π^+p elastic scattering from a direct channel $\Delta\delta$ resonance model 22B (1966) 666
Barger, V., R.J.N. Phillips, Meson Regge exchange amplitudes and the πN resonance spectrum 25B (1967) 351
Barger, V., D. Cline, NN annihilation into two pseudoscalar mesons at high energy 25B (1967) 415
Barger, V., D. Cline, Degenerate Regge trajectories and parity doublets of baryon resonances 26B (1967) 85
Barger, V., L. Durand, The interference model and finite energy sum rules 26B (1967) 588
Barger, V., D. Cline, Implication of isospin dependence of $N\bar{N}$ annihilation cross sections 26B (1967) 591
Barger, V., R.J.N. Phillips, Vacuum exchange amplitudes from a family of sum rules 26B (1967) 730
Barger, V., D. Cline, Prediction of the mean backward π^-p $\rightarrow \pi^0$n differential cross section down to 2.0 GeV/c 27B (1968) 312
Barger, V., D. Cline, J. Matos, (Σ_α, Σ_γ) Reggeized baryon exchange model for backward π^-p $\rightarrow$ K$^0\Lambda$ scattering 29B (1969) 121
Barger, V., R.J.N. Phillips, Polarization and spin-rotation predictions from a new Regge fit to πN scattering 29B (1969) 503
Barger, V., R.J.N. Phillips, Duality-preserving Regge cuts 29B (1969) 676
Barger, V., P. Weiler, Nucleon trajectory degeneracy in backward photoproduction 30B (1969) 105
Barger, V., R.J.N. Phillips, Unconventional asymptotics 31B (1970) 643
Barger, V., P. Weiler, Erratum 31B (1970) 681
Barger, V., R.J.N. Phillips, $K_L \rightarrow K_S$ regeneration phase in Regge models 33B (1970) 425
Barger, V., K. Geer, R.J.N. Phillips, Asymptotic pp elastic scattering 36B (1971) 343
Barger, V., K. Geer, R.J.N. Phillips, Extrapolation of the pp diffraction slope to infinity 36B (1971) 350
Barger, V., A.D. Martin, Amplitude analysis for hypercharge exchange reactions 39B (1972) 379
Barger, V., F. Halzen, J. Luthe, Evaluation of scaling in large angle pp elastic scattering 42B (1972) 428
Barger, V., R.J.N. Phillips, Shackles on linear absorption models 42B (1972) 479
Barger, V., see R.J.N. Phillips 46B (1973) 412
Barger, V., Breakdown of scaling in deep inelastic neutrino scattering 49B (1974) 43
Barish, B.C., see J. Litt 31B (1970) 40
Barker, F.C., J.R. Patterson, J.M. Poate, E.W. Titterton, The 26 MeV state of ^{13}N 21B (1966) 318
Barker, F.C., N. Kumar, Search for the lowest $T = 2$ state of ^{8}Be: theory 30B (1969) 103
Barker, F.C., Solar neutrinos and a proposed level in ^{6}Be 42B (1972) 313
Barkov, L.M., see I.I. Gurevich 31B (1970) 394; 39B (1972) 549
Barloutaud, R., see R. Armenteros 24B (1967) 198; 28B (1968) 521
Barloutaud, R., Duong Nhu Hoa, D. Merrill, J.C. Scheuer, A. Verglas, W. Hoogland, J.C. Kluyver, A.G. Tenner, S.A. de Wit, S. Focardi, A. Minguzzi-Ranzi, L. Monari, A.M. Rossi, G. Alexander, Y. Eisenberg, B. Haber, E. Hirch, U. Karshon, A. Shapira, G. Yekutieli, N. Klein, J. Goldberg, E. Huffer, M. Laloum, G. Lamidey, A. Rouge, Search for a negatively charged meson near 960 MeV (S.A.B.R.E. Collaboration) 26B (1968) 674
Barloutaud, R., see J. Goldberg 30B (1969) 434
Barloutaud, R., see G. Giacomelli 31B (1970) 321; 33B (1970) 373
Barloutaud, R., see W. Hoogland 33B (1970) 631

Barloutaud, R., see R.J. Miller 34B (1971) 230
Barloutaud, R., see B. Chaurand 38B (1972) 253
Barloutaud, R., A. Borg, C. Louedec, F. Pierre, M. Spiro, R.J. Miller, J.J. Phelan, T.P. Shah, B. Chaurand, B. Drevillon, G. Labrosse, D. Linglin, R.A. Salmeron, Energy dependence of reactions $K^{\pm}p \to K^{*\pm}(890)p$ and $K^{\pm}p \to K^{*\pm}(1420)p$ 38B (1972) 257
Barloutaud, R., see K. Paler 43B (1973) 437
Barlow, J., see R.A. Donald 27B (1968) 58
Barlow, J., see M. Aguilar-Benitez 29B (1969) 62, 241, 379
Barman Roy, B., see S.N. Mukherjee 24B (1967) 548
Barmin, V.V., A.G. Dolgolenko, A.G. Meshkovsky, V.A. Shebanov, Study of resonances in $\pi^{o}\gamma$ system 24B (1967) 249
Barmin, V.V., V.G. Barylov, V.S. Borisov, G.K. Bysheva, G.S. Veselovsky, V.M. Golubchikov, L.L. Goldin, G.V. Davidenko, A.G. Dolgolenko, V.S. Demidov, N.K. Zombkovskaya, L.N. Kondratiev, N.S. Konoplev, A.G. Meshkovsky, G.S. Mirosidi, G.K. Tumanov, T.A. Chistyakova, I.V. Chuvilo, V.A. Shebanov, E.M. Bogdanovicz, V.B. Vinogradov, I.A. Ivanovskaya, T.I. Kanarek, V.A. Maximenko, Z.I. Ogrzevalski, L.S. Okhrimenko, Z.S. Strugalski, Measurement of the decay probability $K_L \to 2\pi^{o}$ 33B (1970) 377
Barmin, V.V., V.G. Barylov, G.S. Veselovsky, G.V. Davidenko, V.S. Demidov, A.G. Dolgolenko, N.K. Zombokovskaya, A.G. Meshkovsky, G.S. Mirosidi, T.A. Chistyakova, I.V. Chuvilo, V.A. Shebanov, Measurements of the branching ratio $\Gamma(K_L \to 2j)/\Gamma(K_L \to 3\pi^{o})$ 35B (1971) 604
Barmin, V.V., V.G. Barylov, G.V. Davidenko, V.S. Demidov, A.G. Dolgolenko, N.K. Zombkovskya, V.A. Matveev, A.G. Meshkovsky, G.S. Mirosidi, L.S. Novikov, T.A. Chistyakova, I.V. Chuvilo, V.A. Shebanov, N.N. Shishov, Search for *CP*-violation in $K^{\circ} \to 3\pi^{\circ}$ decay 46B (1973) 465
Barmin, V.V., V.G. Barylov, G.V. Davidenko, V.S. Demidov, A.G. Dolgolenko, N.K. Zomb-Kovskaya, V.A. Matveev, A.G. Meshkovsky, G.S. Mirosidi, L.S. Novikov, T.A. Chistyakova, I.V. Chuvilo, V.A. Shebanov, N.N. Shishov, Search for $K_S \to 2\gamma$ decay 47B (1973) 463
Barnes, C.A., see E.G. Adelberger 23B (1966) 474
Barnes, C.A., see D.C. Hensley 26B (1967) 435
Barnes, P.D., C. Ellegaard, B. Herskind, M.C. Joshi, Properties of levels in ^{121}Sb and ^{123}Sb excited with the reactions (^{3}He, d), (d, d′) and (^{16}O, ^{16}O′γ) 23B (1966) 266
Barnes, P.D., see C. Ellegaard 35B (1971) 145
Barnes, R.F., see P.R. Fields 24B (1967) 340
Barnett, A.R., see D.K. Olsen 39B (1972) 201
Barnett, A.R., D.H. Feng, L.J.B. Goldfarb, A quantal treat of octupole coulomb-nuclear interference 48B (1974) 290
Barnett, B.A., A.T. Laasanen, P.H. Steinberg, D. Hill, S. Kato, P.F.M. Koehler, T.B. Novey, A. Yokosawa, G. Burleson, D. Eartly, K. Pretzl, Measurement of the polarization parameter in $K^{+}p$ elastic scattering at 1.60, 1.80, 2.11 and 2.31 GeV/*c* 34B (1971) 655
Barnett, R.M., D. Silverman, Internal structure for the pionization spectrum 44B (1973) 281
Barnett, R.M., Fixed poles, *t*-channel unitarity, and rising cross-sections 45B (1973) 53
Barnett, R.M., see M. Bander 48B (1974) 243
Barnham, K.H., see J. Bartsch 28B (1968) 439
Barnham, K.W., see M. Alston-Garnjost 39B (1972) 402
Barnham, K.W.J., see J. Bartsch 27B (1968) 336
Barnhill, M.V., L.M. Kilgren, The energy-dependence of backward peaks in hadron scattering 47B (1973) 159
Baron, G., see Y. Abgrall 26B (1967) 53; 30B (1969) 376
Baroni, G., see Barcelona ... collaboration 48B (1974) 467
Barreau, P., J.B. Bellicard, Diffusion élastique d'électrons de 150 MeV sur les étains-116, 120 et 124 25B (1967) 470

Barrelet, E., see L. Moscoso 32B (1970) 513
Barrelet, E., see G.R. Charlton 32B (1970) 720
Barrelet, E., see I. Videau 41B (1972) 213
Barrett, B.R., J.D. Walecka, W.E. Meyerhof, Some observations concerning the supermultiplet of negative-parity excited states in the α particle 22B (1966) 450
Barrett, B.R., M.W. Kirson, Higher-order core polarization contributions to effective interactions 27B (1968) 544
Barrett, B.R., M.W. Kirson, Number-conserving sets and third-order renormalization contributions to the effective nuclear interaction 30B (1969) 8
Barrett, B.R., M.W. Kirson, Erratum 31B (1970) 642
Barrett, B.R., The contribution of two-particle ladder and RPA terms to the effective interaction $A = 18$ nuclei 38B (1972) 371
Barrett, R.C., Radiative corrections in muonic atoms 28B (1968) 93
Barrett, R.C., Model-independent parameters of the nuclear charge distribution from muonic X-rays 33B (1970) 388
Barrett, R.C., D.A. Owen, J. Calmet, H. Grotch, Recoil corrections to muonic atom energy levels 47B (1973) 297
Barrett, R.F., P.P. Delsanto, Continuum shell-model calculation for ^{208}Pb 34B (1971) 110
Barrett, R.F., A. Rabie, P.P. Delsanto, A. Piazza, ^{28}Si and ^{32}S in a continuum shell-model calculation 35B (1971) 551
Barrett, R.F., R.F. Fraser, P.P. Delsanto, A. continuum shell model calculation for the ^{15}N giant dipole resonance 40B (1972) 326
Barrett, R.F., see P.P. Delsanto 44B (1973) 433
Barrier, M., see N. Armenise 25B (1967) 53; 26B (1967) 336
Barroso, A., R.J. Blin-Stoyle, A test for time-reversal violation in allowed isospin-hindered beta-decay 45B (1973) 178
Barroso, A., see E. Hadjimichael 47B (1973) 103
Barshall, H.H., see J.C. Davis 27B (1968) 636
Barshay, S., Dependence upon the Toller azimuthal angle as a consequence of Pomeranchuk exchange in the multipheral model at very high energies 29B (1969) 365
Barshay, S., A suggestion concerning the present anomaly in rate $(K_L \to \mu^+\mu^-)$/rate $(K_L \to 2\gamma)$ 36B (1971) 571
Barshay, S., Do muons interact anomalously with hadrons? 37B (1971) 397
Barshay, S., Y.-A. Chao, Longitudinal mass, inclusive transverse-momentum distributions, proton-proton elastic diffraction slopes and the total cross section 38B (1972) 225
Barshay, S., Y.-A. Chao, Longitudinal mass and the small K/π ratio in very high energy collisions 38B (1972) 229
Barshay, S., G. Vagradov, Nuclear medium corrections in analog state excitation by double charge exchange of pions 41B (1972) 130
Barshay, S., Multiplicity moments and transverse momentum distributions form a simple geometric model of hadron-hadron collisions at high energies 42B (1972) 457
Barshay, S., V. Rostokin, G. Vagradov, Shifts of the peaks in pion-nucleus scattering near the Δ(1231 MeV) and new effective optical potential 43B (1973) 271
Barshay, S., G. Vagradov, G.E. Brown, Possibility of a phase transition to a pion condensate in neutron stars 43B (1973) 359
Barshay, S., G.E. Brown, Death to pion condensates in nuclear matter 47B (1973) 107
Bartel, W., B. Dudelzak, H. Krehbiel, J.M. McElroy, U. Meyer-Berkhout, R.J. Morrison, H. Nguyen-Ngoc, W. Schmidt, G. Weber, The charge form factor of the proton at a momentum transfer of 75 fm^{-2} 25B (1967) 236

Bartel, W., B. Dudelzak, H. Krehbiel, J.M. McElroy, R.J. Morrison, W. Schmidt, V. Walther, G. Weber, Scattering of positrons and electrons from protons 25B (1967) 242
Bartel, W., B. Dudelzak, H. Krehbiel, J. McElroy, U. Meyer-Berkhout, W. Schmidt, V. Walther, G. Weber, The transverse and longitudinal cross sections for electroproduction of pions near the Δ(1236)-isobar 27B (1968) 660
Bartel, W., B. Dudelzak, H. Krehviel, J. McElroy, U. Meyer-Berkhout, W. Schmidt, V. Walther, G. Weber, Electroproduction of pions near the Δ(1236) isobar and the form factor $G_M^*(q^2)$ of the (γNΔ)-vertex 28B (1968) 148
Bartel, W., F.-W. Büsser, W.-R. Dix, R. Felst, D. Harms, H. Krehbiel, P.E. Kuhlmann, J. McElroy, W. Schmidt, V. Walther, G. Weber, Neutron form factors from quasi-elastic e-d scattering 30B (1969) 285
Bartel, W., F.-W. Büsser, W.-R. Dix, R. Felst, D. Harms, H. Krehbiel, P.E. Kuhlmann, J. McElroy, G. Weber, Electromagnetic proton form factors at squared four-momentum transfers between 1 and 3 $(GeV/c)^2$ 33B (1970) 245
Bartel, W., F.-W. Büsser, W.-R. Dix, R. Felst, D. Harms, H. Krehbiel, P.E. Kuhlmann, J. McElroy, J. Meyer, G. Weber, Inelastic electron-proton scattering in the region of the Δ(1236) resonance 35B (1971) 181
Bartel, W., see U. Amaldi 36B (1971) 504; 43B (1973) 231; 44B (1973) 112
Bartel, W., F.-W. Büsser, W.-R. Dix, R. Felst, D. Harms, H. Krehbiel, P.E. Kuhlmann, J. McElroy, J. Meyer, G. Weber, Electromagnetic form factors of the neutron at squared four-momentum transfers of 1.0 and 1.5 $(GeV/c)^2$ 39B (1972) 407
Bartels, J., see P. Söding 39B (1972) 1
Bartholomew, G.A., E.D. Earle, A.J. Ferguson, I. Bergqvist, Gamma ray intensity anomaly in the (d, pγ) reaction 24B (1967) 47
Bartholomew, G.A., see G.T. Ewan 29B (1969) 352
Bartholomew, G.A., see E.D. Earle 32B (1970) 471; 33B (1970) 476
Bartke, J., see S. Brandt 22B (1966) 230
Bartke, J., O. Czyzewski, J.A. Danysz, A. Esdreys, J. Loskiewicz, P. Malecki, J. Zaorska, K. Eskreys, K. Juszczak, D. Kisielewska, W. Zieliński, G. Pichon, M. Rumpf, Observation of the heavy nucleon isobar $N_{\frac{1}{2}}^*(3690)$ 24B (1967) 118
Bartke, J., O. Czyzewski, J.A. Danysz, A. Eskreys, J. Loskiewicz, P. Malecki, J. Zaorska, K. Eskreys, K. Juszczak, D. Kisielewska, W. Zieliński, M. Szeptycka, K. Zalewski, G. Pichon, M. Rumpf, Angular correlations between pions in six- and eight-prong π-p interactions at 8 GeV/c 24B (1967) 163
Bartke, J., see O. Balea 39B (1972) 571
Bartke, J., see Alma ... collaboration 48B (1974) 277
Bartko, J., T.T. Thwaites, The $^{39}K(p, \gamma_0)^{40}Ca$ reaction between 2.9 and 6.0 MeV 27B (1968) 212
Bartl, W., see J. Bailey 28B (1968) 287
Bartl, W., see G. Neuhofer 39B (1972) 271; 41B (1972) 642
Bartl, W., see M. Metcalf 40B (1972) 703
Bartl, W., see F. Niebergall 49B (1974) 103
Bartley, J., see G. Wilquet 42B (1972) 372
Bartoli, B., F. Felicetti, H. Ogren, V. Silvestrini, G. Marini, A. Nigro, N. Spinelli, F. Vanoli, High-energy electron-positron elastic scattering 36B (1971) 593
Bartoli, B., F. Felicetti, H. Ogren, V. Silvestrini, G. Marini, A. Nigro, N. Spinelli, F. Vanoli, Multiparticle production from e^+e^- interactions at high energy 36B (1971) 598
Barton, G., see A.C. Phillips 28B (1968) 378
Barton, J.C., C.T. Stockel, The non-appearance of charge $\frac{2}{3}$ quarks at great depths underground 21B (1966) 360

Barton, J.S., P.S.L. Booth, L.J. Carroll, J.R. Holt, A.P. Hufton, J.N. Jackson, G. Moscati, J.H. Norem, J.R. Wormald, Proton Compton scattering between 650 MeV and 1350 MeV 42B (1972) 297
Bar-Touv, J., A. Goswami, Inverted coexistence of spherical and deformed states in light nuclei 28B (1968) 391
Bartsch, J., M. Deutschmann, E. Keppel, G. Draus, R. Speth, C. Grote, J. Klugow, D. Pose, H. Schiller, H. Vogt, M. Bardadin-Otwinowska, V.T. Cocconi, P.F. Dalpiaz, E. Flaminio, J.D. Hansen, H. Hromadnik, G. Kellner, D.R.O. Morrison, S. Nowak, N.C. Barford, D.P. Dallman, S.J. Goldsack, M.E. Mermikides, N.C. Mukherjee, A. Fröhlich, G. Otter, I. Wacek, H. Wahl, Observation of a ($K\pi\pi$) resonance near 1800 MeV 22B (1966) 357
Bartsch, J., M. Deutschmann, G. Kraus, H. Weber, P. Schmitz, C. Grote, K. Lanius, R. Leiste, S. Nowak, V.T. Cocconi, E. Flaminio, J.D. Hansen, U. Kruse, J. Loskiewicz, M. Markytan, D.R.O. Morrison, K. Zalewski, Quantum number assignment for the A_2^0 meson 25B (1967) 48
Bartsch, J., see M. Aderholz 22B (1966) 357; 27B (1968) 174
Bartsch, J., M. Deutschmann, E. Keppel, G. Kraus, R. Speth, C. Grote, K. Lanius, S. Nowak, M. Walter, K.W.J. Barnham, H. Böttcher, V.T. Cocconi, J.D. Hansen, G. Kellner, A. Mihul, D.R.O. Morrison, V.I. Moskalev, K. Paler, H. Tofte, N.C. Barford, D.P. Dallman, N.C. Mukherjee, A. Fröhlich, W. Kittel, M. Markytan, G. Otter, Mass dependence of the small angle differential cross section for high energy interactions 27B (1968) 336
Bartsch, J., M. Deutschmann, M. Hermanns, E. Keppel, R. Speth, U. Gensch, C. Grote, D. Pose, H. Schiller, M. Bardadin-Otwinowska, K.H. Barnham, V.T. Cocconi, R. Ely, J.D. Hansen, G. Kellner, W. Kittel, D.R.O. Morrison, H. Tøfte, D.P. Dallman, S.J. Goldsack, G. Grammatikakis, M.E. Mermikides, B. Buschbeck-Czapp, D. Kuhn, M. Markytan, G. Otter, P. Porth, Evidence for a new Ξ resonance at 2500 MeV in 10 GeV/c K^-p interactions 28B (1968) 439
Bartsch, J., M. Deutschmann, G. Draus, C. Grote, J. Klugow, W.D. Nowak, D. Pose, T. Besliu, V.T. Cocconi, P. Duinker, J.D. Hansen, G. Kellner, S. Matsumoto, D.R.O. Morrison, R. Stroynowski, J.B. Whittaker, N.C. Barford, P.J. Dornan, M.J. Losty, M.E. Mermikides, B. Buschbeck-Czapp, A. Fröhlich, M. Markytan, G. Otter, W. Wahl, Evidence that the L-meson has decay modes other than $K^*(1420)\pi$ 33B (1970) 186
Barut, A.O., Evidence for O(4, 2), assignment of hadron levels 26B (1967) 308
Barut, A.O., Superselection rule for magnetic charges and the search for magnetic monopoles 38B (1972) 97
Barut, A.O., The impossibility of splitting the superposition of states of opposite magnetic charges in external electromagnetic fields. An anti-superselection rule 46B (1973) 81
Barut, A.O., see A. Baiquni 46B (1973) 423
Baryshnickov, A.G., L.D. Blokhintsev, Vertex constants for an alpha particle 36B (1971) 205
Baryshinickov, A.G., L.D. Blokhintsev, A.M. Mukhamedzhanov, V.V. Turovtsev, Peripheral model approach to the process of radiative proton capture by tritium 45B (1973) 1
Barylov, V.G., see V.V. Barmin 33B (1970) 377; 35B (1971) 604; 46B (1973) 465; 47B (1973) 463
Barz, H.W., I. Rotter, J. Höhn, Shell-modle aspects in coupled channel calculations using Feshbach projection technique 37B (1971) 4
Basdevant, J.L., D. Bessis, J. Zinn-Justin, Padé approximants in strong interactions. Two-body pion and kaon systems 27B (1968) 230
Basdevant, J.L., B.W. Lee, Padé approximation in the σ model unitary $\pi\pi$ amplitudes with the current algebra constraints 29B (1969) 437
Basdevant, J.L., F. Hayot, Dispersive approach to off-mass-shell $\pi\pi$ amplitudes 36B (1971) 375
Basdevant, J.L., C.D. Froggatt, J.L. Petersen, Role of crossing and the ρ meson in low energy $\pi\pi$ amplitudes 41B (1972) 173

Basdevant, J.L., C.D. Froggatt, J.L. Petersen, $\pi\pi$ phenomenology below 1100 MeV 41B (1972) 178
Basdevant, J.L., C. Schomblond, Integral relation for the t-dependence of the $I_t = 1$ $\pi\pi$ absorptive part 45B (1973) 48
Basile, M., P. Dalpiaz, P.L. Frabetti, T. Massam, F.L. Navarria, M.A. Schneegans, A. Zichichi, The decay $\phi \to \eta\gamma$ 38B (1972) 117
Basile, P., J.W. Cronin, B. Thevenet, R. Turlay, S. Zylberajch, A. Zylberszteijn, Study of the decay mode $K_L \to \pi e\nu$ 26B (1969) 542
Basile, P., J.W. Cronin, B. Thevenet, R. Turlay, S. Zylberajch, A. Zylbersztejn, Experimental study of the decay $K_L \to \pi^+\pi^+\pi^0$ 28B (1968) 58
Basile, P., see M. Bourquin 36B (1971) 615
Basile, P., S. Brehin, A. Diamant-Berger, P. Kunz, M. Lemoine, P. Turlay, A. Zylbersztejn, M. Bourquin, J.P. Boymond, P. Extermann, J. Marasco, R. Mermod, P.A. Piroué, H. Suter, Determination of the low-energy $\pi^-\pi$ phase shifts and form factors in K^+_{e4} decay 36B (1971) 619
Basile, P., see A. Zylbersztejn 38B (1972) 457
Basile, R., see R.J. Lombard 36B (1971) 480
Basina, A., see Alma ... collaboration 48B (1974) 277
Bass, R., R. Wechsung, Electromagnetic transitions between odd parity states in ^{40}K 32B (1970) 602
Bass, R., Threshold and angular momentum limit in the complete fusion of heavy ions 47B (1973) 139
Bassani, G., Y. Cassagnou, C. Levi, L. Papineau, Spectroscopic informations on samarium isotopes from analogue state experiments 21B (1966) 442
Bassani, G., M. Conjeaud, J. Gastebois, S. Harar, J.M. Laget, J. Picard, Y. Cassagnou, (^{3}He, d) reactions on the even Sn isotopes 22B (1966) 189
Bassani, G., T.H. Kruse, N. Saunier, G. Souchere, The ^{13}C(^{6}Li, t)^{16}O reaction at 20 MeV 30B (1969) 621
Bassani, G., G. Pappalardo, N. Saunier, B.M. Traore, The ^{16}O first rotational band from the ^{12}C(^{6}Li, d)^{16}O reaction 34B (1971) 612
Bassano, D., see C.Y. Chang 23B (1966) 702
Bassett, I.M., B.R.E. Lederer, Direct approach to three nucleon bound state problems 32B (1970) 550
Bassompierre, G., Y. Goldschmidt-Clermont, A. Grant, V.P. Henri, B. Jongejans, R.L. Lander, D. Linglin, F. Muller, J.M. Perreau, R. Sekulin, W. De Baere, J. Debaissieux, P. Dufour, F. Grard, J. Heughebaert, L. Pape, P. Peeters, F. Verbeure, R. Windmolders, Production of a $N^*_{\frac{1}{2}}$(1575) baryon resonance in K^+p reactions 25B (1967) 440
Bassompierre, G., Y. Goldschmidt-Clermont, A. Grant, V.P. Henri, I. Hughes, B. Jongejans, R.L. Lander, D. Linglin, F. Muller, J.M. Perreau, I. Saitov, R.L. Sekulin, G. Wolf, W. De Baere, J. Debaisieux, P. Dufour, F. Grard, J. Heughebaert, L. Pape, P. Peeters, F. Verbeure, R. Windmolders, M. Jobes, W. Matt, Evidence for three $K\pi\pi$ resonant states below 1.4 GeV in K^+p reactions at 5 GeV/c 26B (1967) 30
Bassompierre, G., see M. Jobes 26B (1967) 49
Bassompierre, G., Y. Goldschmidt-Clermont, A. Grant, V.P. Henri, R. Jennings, B. Jongejans, D. Linglin, F. Muller, J.M. Perreau, R. Sekulin, W. De Baere, J. Debaisieux, P. Dufour, F. Grard, J. Heughebaert, L. Pape, P. Peeters, F. Verbeure, R. Windmolders, Search for baryonic resonances with $S = +1$ in K^+p production experiments 27B (1968) 468
Bassompierre, G., see M. Banner 41B (1972) 547; 44B (1973) 537
Bastien, D.B., M.F. Hodous, R.I. Hulsizer, A. Napier, I.A. Pless, J.P. Silverman, J. Wolfson, P.L. Bastien, L.D. Kirkpatrick, H.J. Lubatti, Diffractive processes in $\bar{p}p$ interactions at 5.1 GeV/c 50B (1974) 290
Bastien, P.L., see D.B. Bastien 50B (1974) 290
Bataar, C., see E.V. Anzon 31B (1970) 237, 241
Bataar, C., see M.G. Antonova 39B (1972) 282, 285

Bateman, B.J., W.G. Cantrell, D.R. Durda, N.M. Duller, P.J. Green, A.V. Jelinek, T.A. Nagy, W.R. Sheldon, Absolute measurement of the vertical cosmic ray muon intensity at 3-50 GeV/c near sea level 36B (1971) 144
Bathow, G., E. Freytag, D.H. Schulz, K. Tesch, Search for leptonic quarks in the mass range 100 to 900 MeV 25B (1967) 163
Baton, J.P., see J. Alitti 21B (1966) 354
Baton, J.P., G. Laurens, Production and decay of the ρ^- meson in the reaction $\pi^- p \to \pi^- \pi^0 p$ at 2.77 GeV/c 26B (1967) 471
Baton, J.P., G. Laurens, J. Reignier, $\pi^+\pi^-$ elastic cross section from Chew-Low extrapolations of $\pi^- p \to \pi^+\pi^- n$ reaction at 2.77 GeV/c 33B (1970) 525
Baton, J.P., G. Laurens, J. Reignier, $\pi\pi$ phase shifts from Chew-Low extrapolations of $\pi^- p \to \pi\pi N$ at 2.77 GeV/c 33B (1970) 528
Baton, J.P., G.Laurens, J. Reignier, $\pi^-\pi^0$ elastic scattering data from $\pi^- p \to \pi^- \pi^0 p$ reaction at 2.77 GeV/c. Application of the Chew-Low extrapolation method 25B (1967) 419
Batraev, S., see O. Balea 39B (1972) 571
Batty, C.J., Single particle potentials and nucleon density distributions for ^{208}Pb 31B (1970) 496
Batty, C.J., E. Friedman, Nuclear mass distributions from the elastic scattering of low-energy α-particles 34B (1971) 7
Batty, C.J., see B.W. Allardyce 41B (1972) 577
Batty, C.J., see A.S. Clough 43B (1973) 476
Batusov, Yu. A., S.A. Bunyatov, V.M. Sidorov, V.A. Yarba, Helium-8 production in negative pion capture by carbon and oxygen nuclei 22B (1966) 487
Bàtzner, K., U. Beck, K.H. Becks, Ch. Berger, J. Dress, G. Knop, M. Leenen, K. Moser, Ch. Nietzel, E. Schlösser, H.E. Stier, Separation of σ_S and σ_T in the region of the $\Delta(1236)$ resonance and determination of the magnetic dipole transition form factor 39B (1972) 575
Baubillier, M., see A. Astier 25B (1967) 294
Baubillier, M., see R.A. Donald 40B (1972) 586
Baubillier, M., see N.B. Durusoy 45B (1973) 517
Baud, R., see H. Benz 28B (1968) 233
Baud, R., H. Benz, D. Bosnjaković, D.R. Botterill, G. Damgaard, M.N. Focacci, W. Kienzle, R. Klanner, C. Lechanoine, M. Martin, C. Nef, P. Schübelin, A. Weitsch, Spectrum of charged non-strange bosons in the mass region 2.5-3.0 GeV 30B (1969) 129
Baud, R., H. Benz, B. Bosnjaković, D.R. Botterill, G. Damgaard, M.N. Focacci, W. Kienzle, R. Klanner, C. Lechanoine, M. Martin, C. Nef, V. Roinishvili, P. Schüberlin, A. Weitsch, H. Blumenfeld, H. Jöstlein, P. Lecomte, A_2 splitting in the decay channel $A_2^- \to K_1^0 K^-$ produced in the reaction $\pi^- p \to p A_2^-$ at 7 GeV/c 31B (1970) 397
Baud, R., H. Benz, B. Bosnjaković, D.R. Botterill, G. Damgaard, M.N. Focacci, W. Kienzle, R. Klanner, C. Lechanoine, M. Martin, C. Nef, V. Roinishvili, P. Schübelin, A. Weitsch, H. Blumenfeld, H. Jöstlein, P. Lecomte, Spin-parity analysis of A_2^L and A_2^H in the decay channel $A_2^- \to p^0\pi^-$ 31B (1970) 401
Baud, R., H. Benz, B. Bosnjaković, D.R. Botterill, G. Damgaard, M.N. Focacci, W. Kienzle, R. Klanner, C. Lechanoine, M. Martin, C. Nef, V. Roinishvili, P. Schübelin, A. Weitsch, H. Jöstlein, Spectrum of charged non-strange bosons in the mass region from 3.0 to 3.8 GeV 31B (1970) 549
Baud, R., see Y.M. Antipov 40B (1972) 147
Baudinet-Robinet, Y., C. Mahaux, A statistical test for intermediate structure 42B (1972) 392
Bauer, M., C. Bloch, On the optical model potential for deuterons 33B (1970) 155
Baugh, D.J., see B.W. Allardyce 41B (1972) 577

Baugh, D.J., see A.S. Clough 43B (1973) 476
Baumann, G., see A. Bechdolff 26B (1967) 174
Baumann, G., see Barcelona ... collaboration 48B (1974) 467
Bauminger, E.R., see U. Atzmony 26B (1967) 81, 613
Bauminger, E.R., see J. Gal 27B (1968) 552; 41B (1972) 53
Bauminger, E.R., D. Froindlich, A. Mustachi, I. Nowik, S. Ofer, S. Samuelov, Magnetic and quadrupole moments of the 86.5 keV excited state of ^{155}Gd. 30B (1969) 531
Bauminger, E.R., D. Froindlich, A. Mustachi, S. Ofer, M. Perkal, Magnetic moment of the 91 keV excited state of ^{149}Pm 32B (1970) 678
Bauminger, E.R., see H. Armon 43B (1973) 380
Baur, G., M.A. Sharaf, ^{12}C–^{16}O elastic scattering 41B (1972) 113
Baur, G., D. Trautmann, The deuteron break-up on heavy nuclei around the Coulomb barrier 42B (1972) 31
Baur, G., see C.K. Gelbke 43B (1973) 284
Bayatyan, G.L., see V.D. Antopolsky 28B (1968) 220, 223
Bayukov, Yu.D., see A.O. Aganyants 27B (1968) 590
Bayukov, Yu.D., V.B. Fedorov, V.D. Khovansky, V.M. Kolybasov, G.A. Leksin, V.L. Stolin, L.S. Vorobyev, The experimental investigation of the reaction ^{6}Li(π^-, π^-p) at π^- - momentum 1.09 GeV/c 33B (1970) 416
Baz, A.I., V.I. Manko, Bands of cluster states in nuclei at high excitation 28B (1968) 541
Baz, A.I., V.N. Bragin, Do multineutrons really exist? 39B (1972) 599
Baznat, M.I., M.I. Chernej, N.I. Pyatov, Non-adiabatic calculation of positive parity states in ^{161}Er and ^{163}Er 31B (1970) 192
Beam, J.E., Comments on a single separable potential with attraction and repulsion 30B (1969) 67
Beam, J.E., V. Valković, Triangle graphs and isospin violation in 3-particle final-state reactions 41B (1972) 13
Beard, G.B., R.E. Snyder, First excited state of ^{121}Sb 25B (1967) 18
Bearpark, K., see J.S. Forster 27B (1968) 285
Beaupré, J.V., K. Boesebeck, M. Deutschmann, H. Grassler, R. Speth, J. Klugow, A. Meyer, E. Ryseck, M. Walter, K. Böckmann, W. Johnssen, M. Rost, K. Sternberger, T. Besliu, J.R. Campbell, V.T. Cocconi, P.F. Dalpiaz, W. Kittel, D.R.O. Morrison, H. Schiller, R. Stroynowski, J.B. Whittaker, D. Kisielewska, S. Brandt, T.P. Shah, M.J. Counihan, P.J. Dornan, S.J. Goldsack, M.J. Losty, D. Dallman, M. Markytan, G. Otter, P. Porth, P. Schmid, Observation of t-channel helicity conservation in diffractive reactions producing A_1 and Q-mesons (aachen-Berlin-Bonn-CERN-Cracow-Heidelberg-London-Vienna Collaboration) 34B (1971) 160
Beaupré, J.V., M. Deutschmann, H. Kirk, P. Lauscher, M. Matziolis, U. Gensch, H. Nowak, H.J. Schreiber, J.H. Bossen, E. Propach, M. Rost, U. Stöcker, T. Besliu, K. Böckmann, V.T. Cocconi, G. Kellner, W. Kittel, D.R.O. Morrison, D. Sotiriou, R. Stroynowski, H. Wahl, T. Coghen, K. Dziumikowska, R. Blaschke, S. Brandt, L. Michejda, S. Otwinowski, H. Piotrowska, W. Wojcik, Limiting properties in inclusive π^+p reactions at 8 and 16 GeV/c with exotic and nonexotic particle combinations 37B (1971) 432
Beaupré, J.V., Two particle correlations in inclusive reactions and boundary conditions - How to incorporate energy and momentum conservation in factorization tests 40B (1972) 225
Beaupré, J.V., P. Finkler, H. Kirk, H. Schiller, H.J. Schreiber, V.T. Cocconi, P.F. Dalpiaz, V. Karimaki, D.R.O. Morrison, R. Stroynowski, A.A. Azooz, T.C. Bacon, R. Campbell, G. Otter, P. Schmid, Correlations between the longitudinal momenta of p and $\bar{K}^0$ in the inclusive reaction $K^-p \to \bar{K}^0p$ + anything at 10 GeV/c 40B (1972) 510

Bechara, M.J., see S. De Barros 49B (1974) 113
Bechdolff, A., G. Baumann, J.P. Gerber, P. Cüer, Double emission of hyperfragments in high energy K^- meson interactions with emulsion nuclei 26B (1967) 174
Becchetti, F.D., see P.J. Siemens 42B (1972) 389
Becchetti, F.D., P.R. Christensen, V.I. Manko, R.J. Nickles, Ambiguities in spectroscopic factors deduced from a DWBA analysis of the (^{16}O, ^{15}N) reaction 43B (1973) 279
Beck, E., see P.G. Hansen 28B (1968) 415, 596, 663
Beck, F., A. Müller-Arnke, Calculation of the photodisintegration cross section of ^4He 27B (1968) 343
Beck, F., see J. Birkholz 28B (1968) 18
Beck, G.A., see B.J. Charles 40B (1972) 289
Beck, R., see M. Kleber 43B (1973) 98
Beck, R., D.H.E. Gross, Nuclear friction in heavy ion scattering 47B (1973) 143
Beck, U., see K. Bätzner 39B (1972) 575
Becker, E.H., see K.I. Roulston 24B (1967) 93
Becker, H.J., P. Vater, R. Brandt, A.H. Boos, H. Diehl, Ternary fission induced by 540 MeV Fe ions on uranium 50B (1974) 445
Becker, J., see N. Anyas-Weiss 45B (1973) 231
Becker, J.A., see N. Anyas-Weiss 47B (1973) 442
Becker, R.L., A.D. Mackellar, Effective interaction for 1P shell nuclei calculated from the Hamada-Johnston potential 21B (1966) 201
Becker, R.L., see A.D. MacKellar 31B (1970) 177
Becker, R.L., Empirical validity of phenomenological renormalized nuclear Brueckner-Hartree-Fock theory 32B (1970) 263
Becker, T., K. Bähr, R. Jahr, W. Kuhlman, Sequential decay in the reaction ^{14}N (α, αp) $^{13}C(0)$ at E_α = 22.9 MeV 24B (1967) 458
Becker, U., see J.G. Asbury 25B (1967) 565
Becks, K.H., see K. Bätzner 39B (1972) 575
Beder, D., see P. Bendix 49B (1974) 140
Bedi, J.F., see M.D. High 41B (1972) 588
Beekhuis, H., Anomalous shape of the 1776 keV $0^- \rightarrow 2^+$ beta transition in the decay of 27hr ^{166}Ho 21B (1966) 205
Beene, J.R., see W.L. Randolph 44B (1973) 36
Beer, G.A., P. Brix, H.-G. Clerc, B. Laube, Ground state electromagnetic widths of the 6.32 MeV level in ^{15}N 26B (1967) 506
Beer, G.A., see M. Tomaselli 29B (1969) 579
Beer, G.A., see G. Wittwer 30B (1969) 634
Beer, M., see R.E. Chrien 25B (1967) 195
Beer, O., see G. Vallois 22B (1966) 659; 24B (1967) 512
Beer, O., see J. Saudinos 22B (1966) 492
Beer, W., J. Kern, On the energy of the W Kα_1 X-rays 47B (1973) 345
Beg, K., see D.W. Mueller 36B (1971) 74
Bég, M.A.B., Gauge theories and neutral currents 49B (1974) 361
Behr, L., V. Brisson, P. Petiau, E. Bellotti, A. Pullia, M. Baldo Ceolin, E. Calimani, S. Ciampolillo, H. Huzita, A. Sconza, B. Aubert, L.M. Chounet, J.P. Lowys, C. Pascaud, Decay of the K^o meson into three pions: test of *CP* conservation and $\Delta I = \frac{1}{2}$ non leptonic selection rule 22B (1966) 540
Behr, L., see J.P. Lowys 24B (1967) 75
Behr, L., see I.A. Budagov 28B (1968) 215

Behr, L., see H.J. Steiner 36B (1971) 521
Behrehd, H.-J., see W. Albrecht 26B (1967) 642
Beillière, P., see I.A. Budagov 28B (1968) 215
Beillière, P., G. Boutang, J. Limon, A direct determination of $R_\rho = (K_L^0 \to \pi\mu\nu)/(K_L^0 \to \pi e\nu)$ 30B (1969) 202
Beillière, P., C. Mayeur, C. Wilquet, V.B. Fliagine, J.G. Guy, W.L. Knight, S.N. Tovey, H.K. Armenian, M. Govan, J. Schneps, G. Wolsky, T. Azemoon D.J. Miller, J. Nassalski, An enhancement in the ΛΛ invariant mass spectrum 39B (1972) 671
Beiner, J., J.F. Germond, Root mean square radius of optical potential in π^--^{12}C elastic scattering 46B (1973) 289
Beiner, M., R.J. Lombard, Bubble density distributions in spherical nuclei 47B (1973) 399
Beisel, H., see H.G. Hilpert 23B (1966) 707
Beisel, H., see R. Erbe 27B (1968) 54
Bekhami, A., see W. Loveland 24B (1967) 666
Belavin, A.A., I.M. Narodetsky, Radiative corrections to $\Lambda^0 \to N\pi$ and $K_S \to 2\pi$ decays 26B (1968) 668
Bell, J.S., R.P. Van Royen, Pion mass difference and current algebra 25B (1967) 354
Bell, R.A.I., see R.D. Gill 28B (1968) 116
Bellamy, E.H., J. Anderson, J.F. Crawford, P.E. Osmon, J.A. Strong, R.P. Vickery, R.N.F. Walker, N.H. Lipman, H. Uto, T.G. Walker, T.A. Montgomery, C.M. Solomonides, Polarisation in the reaction $\pi^+p \to K^+\Sigma^+$ at 1.11 GeV/c 39B (1972) 299
Bellamy, E.H., see N.H. Lipman 43B (1973) 89
Bellamy, E.H., see M.R. Jane 48B (1974) 260, 265
Bellettini, G., see J.V. Allaby 23B (1966) 289
Bellettini, G., see M. Borghini 31B (1970) 405; 36B (1971) 493, 497, 501
Belletini, G., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Belletini, G., P.L. Braccini, C. Bradaschia, R. Castalidi, T. Del Prete, L. Foa, P. Firomini, P. Laurelli, A. Menzione, M. Valdata, G. Finocchiaro, P. Grannis, D. Green, R. Mustard, R. Thun, Experimental tests of limiting fragmentation at the ISR 45B (1973) 69.
Bellettini, G., see G. Finocchiaro 50B (1974) 396
Bellicard, J.B., see P. Barreau 25B (1967) 470
Bellicard, J.B., see B. Antoine 44B (1973) 55
Bellini, G., see R. Huson 28B (1968) 208
Bellm, T.H.J., H. De Jonge, E. De Lijser, P. Manuel, R.W. Meyer, A.G. Tenner, P. Vons, H. Voorthuis, P. Heinen, H.G.J.M. Tiecke, R.T. Van de Walle, H. Winzeler, The real part of the elastic scattering amplitude in the Coulomb interference region of 4.2 GeV/c K^- mesons on protons and a comparison with K^+p scattering at 5 GeV/c 33B (1970) 438
Bellotti, E., see L. Behr 22B (1966) 540
Bellotti, E., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Bellotti, E., see F.J. Hasert 46B (1973) 121, 138
Belokurov, V.V., D.I. Kazakov, D.V. Shirkov, A.A. Slavnov, A.A. Vladimirov, Ultraviolet behaviour of spontaneously broken gauge theories 47B (1973) 359
Beloserski, G.N., D. Gumprecht, P. Steiner, Determination of the quadrupole moment of the $11/2^-$ excited nuclear state of ^{119}Sn by Mössbauer experiments below 100 mK 42B (1972) 349
Beloshitsky, V.V. Angular correlations in pick-up and knock-out nuclear reactions 24B (1967) 559
Belostotsky, S.L., see G.D. Alkhazov 42B (1972) 121
Belote, T.A., Fu Tak Dao, W.E. Dorenbusch, J. Kuperus, J. Rapaport, The ^{39}K (^{3}He, p)^{41}Ca reaction at 13.0 MeV 23B (1966) 480
Belote, T.A., see W.E. Dorenbusch 26B (1967) 148; 37B (1971) 173
Belote, T.A., see N. Anyas-Weiss 45B (1973) 231; 47B (1973) 442

Belousov, A.S., see M.N. Khachaturyan 24B (1967) 349
Belousov, A.S., see R.G. Astvacaturov 27B (1968) 45
Belousov, V.I., B.N. Bolotov, M.I. Devishev, V.V. Isakov, D.B. Kakauridze, Yu. D. Karpekov, V.A. Kachanov, V.F. Konstantinov, V.M. Kutjin, A.A. Lednev, G.M. Makarov, B.E. Postoev, Yu. D. Prokoshkin, A.N. Prokhorov, V.K. Semenov, V.A. Sergeev, Yu.N. Simonov, V.P. Sugonjaev, Measurement of $K^- p \to \bar{K}^0 n$ charge-exchange cross-sections at 25 and 35 GeV/c 43B (1973) 76
Bely, Yu.I., N.P. Yudin, L. Majling, J. Řízek, What can be learned from the de-excitation experiments? 39B (1972) 335
Belyaev, S.T., Effective two body forces in cuclei and gauge invariance 28B (1968) 365
Belyaev, S.T., B.A. Rumiantsev, Spin-orbit vibrations in nuclei 30B (1969) 444
Belyakov, V., see O. Balea 39B (1972) 571
Belyakov, V.A., Yu.M. Aivazyan, On interference effects in resonance scattering by crystals of γ-rays from nuclei having two Mössbauer transitions 27B (1968) 352
Bemporad, C., P.L. Braccini, L. Foà, L. Lübelsmeyer, D. Schmitz, Experimental determination of the η lifetime by the measurement of the Primakoff effect 25B (1967) 380
Bemporad, C., P.L. Braccini, R. Castaldi, L. Foà, L. Lübelsmeyer, D. Schmitz, An upper limit for the branching ratio $\Gamma(\phi \to \pi^0 + \gamma)/\Gamma(\phi \to \text{all})$ 29B (1969) 383
Benaksas, D., see B. Bouquet 26B (1967) 178
Benaksas, D., see J.E. Augustin 28B (1968) 503, 513
Benaksas, D., G. Cosme, B. Jean-Marie, S. Jullian, F. Laplanche, J. Lefrançois, A.D. Liberman, G. Parrour, J.P. Repellin, G. Sauvage, $\pi^+\pi^-$ production by e^+e^- annihilation in the ρ energy range with the Orsay storage ring 39B (1972) 289
Benaksas, D., C. Cosme, B. Jean-Marie, S. Jullian, F. Laplanche, J. Lefrancois, A.D. Liberman, G. Parrour, J.P. Repellin, G. Sauvage 42B (1972) 507, 511
Bencze, Gy., A. Sandulescu, Barrier penetrabilities and the alpha-nucleus potential 22B (1966) 473
Bencze, Gy., Nonlocal potential barrier and the Perey-effect in alpha decay 23B (1966) 713
Bencze, Gy., I. Szentpétery, Breakup corrections to the deuteron optical potential 30B (1969) 446
Bencze, Gy., P. Doleschall, Dynamical three-body calculations with complex potentials 32B (1970) 539
Bencze, Gy., P. Doleschall, A note on perturbation theory for three-particle scattering 44B (1973) 235
Benczer-Koller, N., see M.C. Bertin 26B (1967) 623
Benczer-Koller, N., see J.W. Tape 40B (1972) 635
Ben-David, G., see R. Moreh 34B (1971) 494
Bendel, W.L., see L.W. Fagg 44B (1973) 163
Bendix, P., D. Beder, Calculations of the π-deuteron scattering length 49B (1974) 140
Benenson, W., see G.M. Crawley 32B (1970) 92
Benenson, W., E. Kashy, I.D. Proctor, B.M. Preedom, The mass of ^{29}S 43B (1973) 117
Benenson, W., see K.K. Seth 49B (1974) 157
Benevantao, M., see E. Amaldi 41B (1972) 216
Bengtsson, B., see P.G. Hansen 28B (1968) 415, 596, 663
Bengtsson, B., see P. Hornshøj 34B (1971) 591
Bennett, G.W., R.C. Johson, Structure in S-wave $\pi\pi$ scattering 36B (1971) 483
Bennett, M.J., see R.K. Sheline 26B (1967) 14
Bennett, S., D. Nygren, H. Saal, J. Sunderland, J. Steinberger, Measurement of the K_S-K_L regeneration phase in copper at 2.5 GeV/c 27B (1968) 239
Bennett, S., D. Nygren, H. Saal, J. Sunderland, J. Steinberger, K. Kleinknecht, The $\Delta S = \Delta Q$ rule in the decay $K^0 \to e^\pm + \nu + \pi$ 27B (1968) 244
Bennett, S., D. Nygren, H. Saal, J. Sunderland, J. Steinberger, η_{+-} phase, Re ϵ and the superweak model 27B (1968) 248

Bennett, S., D. Nygren, H. Saal, J. Steinberger, J. Sunderland, K_S - K_L regeneration amplitude in copper at 2.5 GeV/c and phase of η_{+-} 29B (1969) 317
Benoehr, H.C., K. Wildermuth, Cluster representations of resonance reactions 26B (1967) 68
Benöhr, H.C., On the investigation of a possible broad three-neutron state by means of the reaction ^{3}H(n, p) 3n 34B (1971) 448
Bensinger, J., A.R. Erwin, M.A. Thompson, W.D. Walker, A bubble chamber measurement of $\eta'(960) \to \gamma\gamma$ and $\eta'(960) \to \pi^0\pi^0\eta$ ($\eta \to 3\pi^0$) decay rates 33B (1970) 505
Bensinger, J.R., A.R. Erwin, M.A. Thompson, W.D. Walker, A study of s-wave $\pi\pi$ scattering in the reaction $\pi^+\pi \to \pi^0\pi^0$p at 2.15 GeV/c 36B (1971) 134
Benz, H., G.E. Chikovani, G. Damgaard, M.N. Focacci, W. Kienzle, C. Lechanoine, M. Martin, C. Nef, P. Schübelin, R. Baud, B. Bosnjaković, J. Cotteron, R. Klanner, A. Weitsch, Confirmation of the A_2 splitting near threshold 28B (1968) 233
Benz, H., see R. Baud 30B (1969) 129; 31B (1970) 397, 401, 459
Berard, R.W., F.R. Buskirk, E.B. Dally, J.N. Dyer, X.K. Maruyama, R.L. Topping, T.J. Traverso, Elastic electron deuteron scattering 47B (1973) 355
Bercaw, R.W., see R.E. Warner 24B (1967) 517
Berceanu, S., T. Besliu, A. Gheorghe, A.L.M. Mihul, Conditional charge distributions at very high energies 45B (1973) 371
Beregi, P., I. Lovas, A. Three-body model of the isbaric analogue resonance on even-odd target 33B (1970) 150
Berends, F.A., A. Donnachie, A comment on backward π^0 photoproduction and the $E_{1+}^{(3)}$ multiple 25B (1967) 278
Berends, F.A., A. Donnachie, G.C. Oades, A note on the K_{e4} and $K_{\mu4}$ decay rates 26B (1967) 109
Berends, F.A., A. Donnachie, A comment on the photo-excitation of the Roper resonance 30B (1969) 555
Berenyi, P., see T.S. Yoon 24B (1967) 307
Beres, W., Erratum 25B (1967) 414
Beres, W.P., see M. Divadeenam 30B (1969) 598
Beres, W.P., see A. Lev 47B (1973) 408
Beresinsky, V.S., G.T. Zatsepin, Cosmic rays at ultra high energies (neutrino?) 28B (1968) 423
Berestetsky, V.B., C-parity violation and neutral particles production in colliding electron-positron beams 21B (1966) 554
Berezin, S., G. Burleson, D. Earthly, A. Roberts, T.O. White, Muonic, pionic, and kaonic X-rays, atomic de-excitation and nuclear absorption in helium 30B (1969) 27
Berezin, V.M., see M. Ya. Balatz 26B (1967) 320
Berezinsky, V.S., A.Yu Smirnov, Astrophysical upper bounds on neutrino-nucleon cross-section at energy $E \geqslant 3 \times 10^{17}$ eV 48B (1974) 269
Berg, M., A. Hofmann, K. Thomas, H. Rebel, G.W. Schweimer, Coupled-channels analysis of deuteron scattering from ^{30}Si at E_d = 10 MeV 42B (1972) 211
Berg, R.E., see R.R. Price 33B (1970) 533
Berg, U., see H. Wolf 50B (1974) 244
Berger, C., N. Mistry, L. Roberts, R. Talman, P. Walstrom, "Elastic" photoproduction of ρ^0 and ϕ^0 mesons from hydrogen 39B (1972) 659
Berger, Ch., V. Burkert, G. Knop, B. Langenbeck, K. Rith, Electromagnetic form factors of the proton at squared four-momentum transfers between 10 and 50 fm^{-2} 35B (1971) 87
Berger, Ch., see K. Bätzner 39B (1972) 575
Berger, Ch., G. Dick, W. Erlewein, K. Lübelsmeyer, L. Paul, H. Meyer-Wachsmuth, A. Schultz von Dratzig, Inclusive photoproduction of π^0 mesons at 6 GeV 47B (1973) 377
Berger, Chr., E. Gersing, G. Knop, B. Langenbeck, K. Rith, F. Schumacher, Electromagnetic form factors of the proton between 15 and 50 fm^{-2} 28B (1968) 276

Berger, E.L., A. Krzywicki, Kinematic aspects on inclusive phenomenology 36B (1971) 380
Berger, E.L., G. Fox, Line-reversal-symmetry breaking and interference effects between resonances on a Dalitz plot 36B (1971) 389
Berger, E.L., Ph. Salin, G.H. Thomas, Baryon exchange and shapes on inclusive spectra 39B (1972) 265
Berger, E.L., G.C. Fox, A. Krzywicki, Quantitative measure of cluster formation in multiparticle production 43B (1973) 132
Berger, E.L., D. Branson, Particle production at large transverse momentum 45B (1973) 57
Berger, E.L., G.C. Fox, Multiplicity distributions and inclusive spectra in a multipheriphal cluster emission model 47B (1973) 162
Berger, E.L., Semi-inclusive rapidity correlations in cluster emission models 49B (1974) 369
Berger, J., see W.F. Baker 23B (1966) 605; 25B (1967) 361
Berger, J., see J. Banaigs 24B (1967) 317; 43B (1973) 535; 45B (1973) 394; 535
Berggren, T., On a probabilistic interpretation of expansion coefficients in the nonrelativistic quantum theory of resonant states 33B (1970) 547
Berggren, T., see C. Gustafsson 35B (1971) 546
Berggren, T., Analyticity of regularized integrals containing eigenfunctions with complex momentum 37B (1971) 240
Berggren, T., A note on function spaces spanned by complex energy eigenfunctions 38B (1972) 61
Berggren, T., On resonance contributions to sum rules in nuclear physics 44B (1973) 23
Bergqvist, I., see G.A. Bartholomew 24B (1967) 47
Bergqvist, I., see E.D. Earle 32B (1970) 471; 33B (1970) 476
Bergqvist, I., see D. Drake 36B (1971) 557
Bergström, I., B. Fant, C.J. Herrlander, P. Thieberger, K. Wikström, G. Astner, On the $(h_{9/2})^3$ proton configuration in $^{211}_{85}At_{126}$ 32B (1970) 476
Bergström, I., see G. Backenstoss 38B (1972) 181; 43B (1973) 431
Berk, D., see C.D. Buchanan 32B (1970) 396
Berkelman, K., see W.W. Ash 24B (1967) 165
Berkelman, K., see W.F. Baker 28B (1968) 291
Berley, D., E. Hart, D. Rahm, W. Willis, S. Yamamoto, $K^- p \to \Sigma^\pm \pi^\pm (\pi^0)$ 594 to 820 MeV/c 30B (1969) 430
Berlin–Budapest–Dubna–Prague–Serpukhov–Sofia collaboration, K_L^o–K_S^o regeneration on deuterium 48B (1974) 257
Berlinghieri, J.C., M.S. Farber, T. Ferbel, B.E. Forman, A.C. Melissinos, P.F. Slattery, T. Yamanouchi, H. Yuta, Search for new meson resonances in K^+p interactions at 12.7 GeV/c 27B (1968) 665
Berlinghieri, J.C., see S.L. Stone 32B (1970) 515
Berlinghieri, J.C., et al., Erratum 29B (1969) 78
Berlovich, E.Ye., Yu.N. Novikov, Delayed nuclear fission 29B (1969) 155
Berman, B.L., see C.P. Wu 32B (1970) 675
Berman, S.M., P. Roy, Soft pion theorems and the Kl_3, Kl_4 form factors 27B (1968) 88
Berman, S.M., P. Roy, Near κ-K mass degeneracy and the Kl_3 form factors 28B (1968) 326
Bernabeu, J., P. Pascual, Muon capture in ^{11}B and nuclear wave functions of ^{11}Be 29B (1969) 555
Bernabeu, J., On the quasi-elastic neutrino reaction in deuterium in the forward direction 39B (1972) 313
Bernabeu, J., T.E.O. Ericson, Neutron polarizability and the n-e scattering length 42B (1972) 93
Bernabeu, J., see J. Ros 43B (1973) 178
Bernabeu, J., F. Cannata, Configuration mixing and total muon capture rates 45B (1973) 445
Bernabeu, J., T.E.O. Ericson, C. Ferro Fontan, The nucleon electromagnetic polarizabilities 49B (1974) 381
Bernabeu, J., T.E.O. Ericson, C. Jarlskog, Parity violations by neutral currents in muonic atoms 50B (1974) 476

Bernal, E., J.F. Ready , L.P. Levine, Erratum 21B (1966) 720; 22B (1966) 240
Bernal, E., G.D. Chen, T.C. Lee, Erratum 22B (1966) 240
Bernard, D.L., see R.C. Ritter 28B (1968) 588
Bernardini, M., see V. Alles-Borelli 36B (1971) 149
Bernardini, M., see V. Alles-Borelli 40B (1972) 433
Bernardini, M., D. Bollini, P.L. Brunini, E. Fioretino, T. Massam, L. Monari, F. Palmonari, F. Rimondi, A. Zichichi, Proof of comparable k-pair and π-pair production from time-like photons of 1.5, 1.6 and 1.7 GeV and determination of the K-meson electromagnetic form factor 44B (1973) 393
Bernardini, M., D. Bollini, P.L. Brunini, E. Fiorentino, T. Massam, L. Monari, F. Palmonari, F. Rimondi, A. Zichichi, Acoplanar (e^+e^-) pairs and radiative corrections 45B (1973) 169
Bernardini, M., D. Bollini, P.L. Brunini, E. Fiorentino, T. Massam, L. Monari, F. Palmonari, F. Rimondi, A. Zichichi, Accurate measurement of the energy dependence of the process $e^+ + e^- \to e^\pm + e^\mp$, in the s-range 1.44–9.0 GeV^2 45B (1973) 510
Bernardini, M., D. Bollini, P.L. Brunini, E. Fiorentino, T. Massam, L. Monari, F. Palmonari, F. Rimondi, A. Zichichi, The time-like electromagnetic form factors on the charged pseudoscalr mesons from 1.44 to 9.0 GeV^2 46B (1973) 261
Bernas, H., see B.I. Deutch 27B (1968) 209, 455
Bernas, M., see D. Bachelier 21B (1966) 697; 26B (1967) 283; 44B (1973) 44
Bernas, M., J.K. Lee, D. Bachelier, I. Brissaud, C. Detraz, P. Radvanyi, M. Roy, ^{4}He(p, t)2p, ^{4}He(p, ^{3}He)pn and ^{4}He(p, ^{3}He)d reactions at 156 MeV and the final-state interaction 25B (1967) 260, 474
Bernas, M., see M. Roy 29B (1969) 95
Bernas, R., see I. Amarel 24B (1967) 402
Bernas, R., see J. Chaumont 29B (1969) 652
Bernas, R., see J. Lestinguez 36B (1971) 331
Bernheim, M., T. Stovall, D. Vinciguerra, Study of the first excited state of ^{12}C by inelastic electron scattering 25B (1967) 461
Bernheim, M., R. Riskalla, T. Stovall, D. Vinciguerra, Electron scattering form factor of ^{9}Be 30B (1969) 412
Bernstein, A.M., see E.J. Martens 24B (1967) 669
Bernstein, A.M. see R.O. Ginaven 25B (1967) 206
Bernstein, A.M. Isoscalar transition rates from the (α, α') reaction 29B (1969) 332
Bernstein, A.M., A comparison of electromagnetic and isoscalar transition rates in nuclei 29B (1969) 335
Bernstein, A.M., M. Duffy, E.P. Lippincott, The relative spatial distributions of neutrons and protons in the surface of ^{48}Ca 30B (1969) 20
Bernstein, A.M., W.A. Seidler, An alphaparticle optical potential from the nuclear density distribution 34B (1971) 569
Bernstein, A.M., W.A. Seidler, The distribution of nucleons in the nuclear surface from elastic alpha-particle scattering 39B (1972) 583
Bernstein, A.M., see I. Fischman 41B (1972) 298
Bernstein, E.M., D.D. Armstrong, Isobaric spin forbidden effects in (p, d) and (d, p) reactions on Pb isotopes 26B (1967) 365
Bernstein, E.M., see G.G. Ohlsen 28B (1968) 404; 29B (1969) 307
Bernstein, E.M., G.R. Boss, G. Hardie, R.E. Shamu, The one-photon octupole vibration of ^{151}Eu 33B (1970) 465
Bernstein, E.M., see R.E. Shamu 45B (1973) 241
Bernstein, S., see R.M. Brown 42B (1972) 117
Berovic, N., P.M. Rolph, S.M. Scarrott, The elastic scattering of 9.6 MeV protons and the reformulated optical model 27B (1968) 477

Berovic, N., see G.R. Isaak 31B (1970) 63, 572
Berovic, N., see C.J. Clews 33B (1970) 347
Berovic, N., On the $\Delta I = 1$ parity violating force 35B (1971) 475
Berryhill, J., D. Cline, J. English, *s* and *t* channel effects in low energy $\bar{N}N$ elastic scattering 27B (1968) 573
Bertin, A., see A. Alberigi Quaranta 25B (1967) 429
Bertin, A., P. Capiluppi, A. Cristallini, M. D'Agostino-Bruno, R.J. Ellis, G. Giacomelli, C. Maroni, F. Mercatali, A. M. Rossi, G. Vannini, Negative particle production at the CERN Intersecting Storage Rings 38B (1972) 260
Bertin, A., P. Capiluppi, M.D'Agostino-Bruno, R.J. Ellis, G. Giacomelli, A.M. Rossi, G. Vannini, A. Bussière, R.T. Poe, Charged particle production ratios at the CERN ISR for a transverse momentum of 0.4 GeV/*c* 41B (1972) 201
Bertin, A., P. Capiluppi, M. D'Agostino-Bruno, R.J. Ellis, G. Giacomelli, A.M. Rossi, G. Vannini, A. Bussière, R.T. Poe, Charged particle production at the CERN ISR as a function of transverse momentum 42B (1972) 493
Bertin, M.C., N. Benczer-Koller, G.G. Seaman, J.R. MacDonald, Lifetimes of 2^+ states in ^{58}Ni 26B (1967) 623
Bertin, M.C., see G. Goldring 32B (1970) 465
Bertin, P.Y., see J. Duclos 43B (1973) 245
Bertini, H.W., The masking effect of multiple scattering on the determination of the two-nucleon correlation from π^--absorption experiments 30B (1969) 300
Bertini, R., R. Beurtey, F. Brochard, G. Bruge, H. Catz, A. Chaumeaux, J.M. Durand, J.C. Faivre, J.M. Fontaine, D. Garreta, C. Gustafsson, D. Hendrie, F. Hibou, D. Legrand, J. Saudinos, J. Thiron, Angular distribution of 1.04 GeV prontons scattered by ^{12}C, ^{58}Ni, ^{208}Pb 45B (1973) 119
Bertocchi, L., Conspiracies and forward production of vector mesons 26B (1967) 27
Bertocchi, L., see G. Alberi 28B (1968) 186; 32B (1970) 367
Bertocchi, L., see A.Y. Abul-Magd 30B (1969) 182
Bertolucci, E., see W.D. Apel 40B (1972) 680; 41B (1972) 234, 542; 46B (1973) 459
Bertonili, G., see E. Fiorini 25B (1967) 602
Bertozzi, W., J. Friar, J. Heisenberg, J.W. Negele, Contributions of neutrons to elastic electron scattering from nuclei 41B (1972) 408
Bertram, W., J. Carroll, R. Eandi, R. Hübner, W. Kern, U. Kötz, P. Schmüser, H.J. Skronn, G. Buschhorn, Production of antiprotons by high energy protons 21B (1966) 471
Bertram, W.K., see J.G. Asbury 25B (1967) 565
Bertrand, D., see W. Schweinberger 36B (1971) 246
Bertrand, D., see H. Braun 47B (1973) 182, 185
Bertrand, F.E., J.K. Dickens, T.A. Love, Distorted-wave analysis of inelastic scattering of 61.7 MeV protons from ^{60}Ni 24B (1967) 653
Bertrand-Coremans, G.H., see F.J. Fasert 46B (1973) 121, 138
Bertrand-Coremans, G.H., see T. Eichten 46B (1973) 274, 281
Bertsch, G., S. Kahana, T_Z^3 term in the isobaric multiplet equation 33B (1970) 193
Bertsch, G., see N. Auerbach 43B (1973) 175
Bertsch, G., S.F. Tsai, How good is the collective model? 50B (1974) 319
Bertsch, G.F., Monopole matrix element in ^{16}O 21B (1966) 70
Bertsch, G.F., J. Damgaard, Shell-model calculation of the ^{49}Sc spectrum 23B (1966) 342
Bertsch, G.F., The 2-particle transfer reaction with $T = 1$ particle-hole states 25B (1967) 62
Bertsch, G.F., Remark on Y_4 moments 26B (1967) 130
Bertsch, G.F., Magnetic moments and short-range correlations 28B (1968) 302

Bertsch, G.F., Spreading of the giant dipole: a simple estimate 37B (1971) 470
Bertsch, G.F., see R. Schaeffer 38B (1972) 159
Bertsch, G.F., M.B. Johnson, Comment on pion condensation 48B (1974) 397
Bertsche, G.F., see S. Shlomo 49B (1974) 401
Bès, D.R., see R.A. Broglia 36B (1971) 541; 37B (1971) 159, 257
Bès, D.R., R.A. Broglia, B. Nilsson, Importance of the quadrupole pairing field in the $J^\pi = 0^+$ vibrations of shape deformed nuclei 40B (1972) 338
Bess, D.R., see R.F. Casten 40B (1972) 333
Bess, D.R., see R.A. Broglia 50B (1974) 213
Besch, H.J., U. Köpf, E.W. Otten, Optical pumping of short lived beta emitters 25B (1967) 120
Besch, H.J., U. Köpf, E.-W. Otten, Ch. Von Platen, Nuclear magnetic moment of ^{37}K 26B (1967) 721
Besch, H.J., Erratum 28B (1968) 422
Besliu, T., see J. Bartsch 33B (1970) 186
Besliu, T., see J.V. Beaupré 34B (1971) 160; 37B (1971) 432
Besliu, T., see K. Boesebeck 34B (1971) 659
Besliu, T., see S. Berceanu 45B (1973) 371
Besliu, C., see E. Balea 46B (1973) 389
Bessis, D., M. Pusterla, Unitary Padé approximants for the S matrix in strong coupling field theory and application to the calculation of the ρ and f_o Regge trajectories 25B (1967) 279
Bessis, D., see J. L. Basdevant 27B (1968) 230
Bessis, D., S. Graffi, V. Grecchi, G. Turchetti, Unitary Padé approximants in strong interactions. The nucleon-nucleon system 28B (1968) 567
Bessis, D., G. Turchetti, W.R. Wortman, N-N interaction from Lagrangian field theory 39B (1972) 601
Bethe, H.A., P.J. Siemens, Neutron radius in Pb from the analog state 27B (1968) 549
Bethge, K., K. Meier-Ewert, K. Pfeiffer, R. Bock, On the mechanism of lithium-induced nuclear reactions 24B (1967) 663
Betourne, C., J.C. Bizot, J. Perez-y-Jorba, D. Treille, Photoprocution of positive pions from hydrogen between 300 and 750 MeV 24B (1967) 590
Bettini, A., see R.A. Donald 26B (1967) 327
Betts, R.R., see H.T. Fortune 36B (1971) 215; 44B (1973) 65
Betz, H.-D., G. Hortig, E. Leischner, Ch. Schmelzer, B. Stadler, J. Weihrauch, The average charge of stripped heavy ions 22B (1966) 643
Beurtey, R., see A. De Lesquen 40B (1972) 277
Beurtey, R., see R. Bertini 45B (1973) 119
Beusch, W., see P. Astbury 22B (1966) 537; 23B (1966) 160; 23B (1966) 396
Beusch, W., W.F. Fischer, B. Gobbi, M. Pepin, E. Polgar, P. Astbury, G. Brautti, G. Finocchiaro, J.C. Lassalle, A. Michelini, K.M. Terwilliger, D. Websdale, C.H. West, Observation of resonances in the $K_1^oK_1^o$ system 25B (1967) 357
Beusch, W., see M. Pepin 26B (1967) 35
Beusch, W., W.E. Fischer, M. Pepin, E.E. Polgar, A. Michelini, D. Websdale, C.H. West, A. study of the reaction $\pi^- + p \to \Lambda + \bar{\Lambda} + n$ at 7 and 12 GeV/c 28B (1968) 211
Beusch, W., see P. Le Du 44B (1973) 390
Beusch, W., M. Borghini, G. Misuri, E. Polgar, D. Websdale, F.X. Gentit, L. Fluri, K. Freudenreich, P. Mühlemann, J.A. Wilson, P. Astbury, J. Gallivan, J. Jafar, M. Letheren, P. Le Du, O. Guisan, Measurement of the polarization in $K^-p \to \bar{K}^on$ charge exchange at 8 GeV/c 46B (1973) 477
Beuscher, H., see R.M. Lieder 39B (1972) 196; 49B (1974) 161
Beuscher, H., W.F. Davidson, R.M. Lieder, C. Mayer-Böricke, Evidence for strong variation of the moment of inertia at higher angular momenta in the ground state rotational bands of ^{158}Er and ^{166}Yb 40B (1972) 449

Beyer, K., Aa. Winther, On Coulomb induced fission 30B (1969) 296
Bezaguet, A., see C. Baglin 22B (1966) 219; 23B (1966) 286; 24B (1967) 637; 29B (1969) 445
Bezaguet, A., see F. Jacquet 25B (1967) 574
Bezaguet, A., see R. Arnold 27B (1968) 466
Beznogikh, G.G., A. Buyak, K.I. Iovchev, L.F. Kirillova, P.K. Markov, B.A. Morozov, V.A. Nikitin, P.V. Nomokonov, M.G. Shafranova, V.A. Sviridov, Truong Bien, V.I. Zayachki, N.K. Zhidkov, L.S. Zolin, S.B. Nurushev, V.L. Solovianov, The slope parameter of the differential cross-section of elastic p-p scattering in energy range 12-70 GeV 30B (1969) 274
Beznogikh, G.G., A. Bujak, L.F. Kirillova, B.A. Morozov, V.A. Nikitin, P.V. Nomokonov, A. Sandacz, M.G. Shafranova, V.A. Sviridov, Truong Bien, V.I. Zayachki, N.K. Zhidkov, L.S. Zolin, Small angle proton-proton elastic scattering from 9 to 70 GeV/c 39B (1972) 411
Beznogikh, G.G., A. Bujak, V.A. Nikitin, M.G. Shafranova, V.A. Sviridov, Truong Bien, L.V. Vikhlyantseva, V.I. Zayachki, L.S. Zolin, Total elastic p-p, p-d, p-n cross-sections in the energy range of 1-70 GeV 43B (1973) 85
Bhaduri, R.K. see M.K. Srivastava 32B (1970) 333
Bhaduri, R.K., S. Das Gupta, The equivalence of the Strutinsky type smoothing and the temperature averaging method 47B (1973) 129
Bhaduri, R.K., Fragmentation of highly excited heavy ions 50B (1974) 211
Bhakar, B.S., see S. R. Choudhury 21B (1966) 430
Bhalla, C.P., M.S. Freedman, F.T. Porter, F. Wagner, Internal conversion coefficients with relativistic Hartree-Fock atomic model: comparison with ^{67}Zn 23B (1966) 116
Bhargava, P.C., see D.W.L. Sprung 21B (1966) 538; 23B (1966) 491
Bhargava, P.C., see J. Nemeth 24B (1967) 137
Bharuth Ram, K., see K.P. Jackson 30B (1969) 162
Bhasin, V.S., see S. R. Choudhury 21B (1966) 430
Bhasin, V.S., H. Jacob, A.N. Mitra, Relativistic corrections to the three-body problem 32B (1970) 15
Bhasin, V.S., I.M. Duck, V. Valković, Isobar exchange effects in p-d backward inelastic scattering 44B (1973) 317
Bhasin, V.S., I.M. Duck, Pion production in the reaction pd → tπ 46B (1973) 309
Bhat, M.R., see R.E. Chrien 24B (1967) 573; 25B (1967) 195
Bhatt, K., J. Parikh, Minimization of energy variance for a determinantal state as a useful variation on the Hartree-Fock theme 44B (1973) 338
Bhat, K.H., On the low lying positive parity states in odd indium and even cadmium isotopes 24B (1967) 22
Bhatt, K.H., J.C. Parikh, Spin orbit interaction and regions of deformed nuclei 24B (1967) 613
Bhatt, K.H., see J.B. Ball 29B (1969) 182
Bhatt, K.H., see S.K. Sharma 36B (1971) 550; 41B (1972) 287; 44B (1973) 491
Bhatt, K.H., see A.K. Dhar 47B (1973) 133; 50B (1974) 323
Bhatt, S.C., J.S. Levinger, E. Harms, Trinucleon energy using the unitarity pole approximation to Reid's soft core potential 40B (1972) 23
Bhattacherjee, S.K., J.D. Bowman, E.N. Kaufmann, Gyromagnetic ratios of the first excited states of ^{122}Te and ^{124}Te 24B (1967) 651
Bhattacherjee, S.K., J.D. Bowmann, E.N. Kaufmann, Magnetic moment of a twoquasiparticle state in ^{182}W 26B (1967) 583
Bhuiyan, Z.I., see K. Böckmann 28B (1968) 72
Białas, A., O. Czyzewski, $p\bar{p}$ elastic scattering at high momentum transfers and the Orear formula 21B (1966) 574
Białas, A., see M. Deutschmann 22B (1966) 112
Białas, A., see F. Crijns 22B (1966) 533

Białas, A., A. Gula, M. Muryn, Double resonance production at high energies: correlations between the decay distributions of resonances in the quark model 24B (1967) 428
Białas, A., K. Zalewski, Quark model for high-energy scattering: A test of additivity from joint decay distributions 26B (1967) 170
Białas, A., A. Gula, B. Muryn, K. Zalewski, Violation of a quark model sum rule in photoproduction 26B (1967) 513
Białas, A., K. Zalewski, Vector dominance model and the production of $\pi^{\pm}$ mesons with polarized photons 28B (1968) 436
Białas, A. K. Zalewski, A quark model for forbidden peaks 30B (1969) 109
Białas, A., O. Czyzewski, Inclusive reactions and the additive quark model 35B (1971) 576
Białas, A., K. Fiałkowski, R. Wit, K. Zalewski, Experimental investigation of two-particle correlations in the reaction $pp \to \pi^- \pi^-$ + anything 39B (1972) 211
Białas, A., K. Fiałkowski, K. Zalewski, Two-particle correlation length in fireball models 45B (1973) 337
Białas, E., Polarization in the high-energy πp charge-exchange scattering 24B (1967) 298
Bialkowski, G., R. Sosnowski, Four-momentum transfer distribution in high energy high multiplicity reactions 25B (1967) 519
Białkowska, H., see Alma ... collaboration 48B (1974) 277
Biancastelli, R., see J.V. Allaby 34B (1971) 431
Biancastelli, R., see U. Amaldi 34B (1971) 435; 36B (1971) 504; 43B (1973) 231; 44B (1973) 112
Biebl, K.-J., J. Wolf, Energy-momentum sum rules for single- and multi-particle distributions 37B (1971) 197
Biebl, K.-J., U. Gensch, H.J. Schreiber, Investigation of energy fragmentation distributions 42B (1972) 221
Biebl, U., see F. Wagner 28B (1968) 548
Biedenharn, L.C., see H. Ui 27B (1968) 608
Biedenharn, L.C., Are the rotational bands assigned correctly in the nuclear SU_3 model? 28B (1968) 537
Biedenharn, L.C., see L. Weaver 32B (1970) 326
Biedenharn, L.C., M.Y. Han, A two-component spherical factorization of the Klein-Gordon and Kramers equations 36B (1971) 475
Biedenharn, L.C., R.Y. Cusson, M.Y. Han, O.L. Weaver, Hadronic Regge sequences as primitive realization of SL(3, R) symmetry 42B (1972) 257
Bienlein, H., W. Braunschweig, H. Dinter, W. Erlewein, H. Frese, J. Knütel, K. Lübelsmeyer, S. Mango, H. Meyer-Wachsmuth, C.C. Morehouse, L. Paul, D. Schmitz, A. Schultz Von Dratzig, Target asymmetry for neutral π meson photoproduction on polarized protons at 4 GeV in the forward direction 46B (1973) 131
Bienlein, J.K., see W.E. Cleland 26B (1967) 45
Bierter, W., see P. Truoel 29B (1969) 21
Bietti, A., P. Di Vecchia, F. Drago, M.L. Paciello, Parity doublet conspiracy of the pion from finite energy sum rules in π^+ photoproduction 26B (1967) 457, 736
Bietti, A., G. Parisi, On the possibility of obtaining a finite value for the proton-neutron mass difference 43B (1973) 427
Biffis, F., see T. Eichten 27B (1968) 586
Bigi, I.I.Y., H.P. Dürr, N.J. Winter, Light cone algebra of a selfinteracting quark field 45B (1973) 384
Biggerstaff, J.A., C. Bingham, P.D. Miller, J. Solomon, K.K. Weth, Proton particle-hole states in ^{116}Sn 25B (1967) 273
Biggerstaff, J.A., see R.G. Couch 29B (1969) 657
Bilenky, S.M., see D.Yu. Bardin 32B (1970) 68, 121
Billing, K.D., F.W. Bullock, M.J. Esten, M. Govan, C. Henderson, W.L. Knight, D.J. Miller, A.A. Owen, F.R. Stannard, E. Tompa, S. Tovey, O.C. Waldron, Search for the decay mode $\eta^o \to \pi^o e^+ e^-$ 5B (1967) 435

Bilpuch, E.G., see J.C. Browne 28B (1968) 26
Bilpuch, E.G., N.H. Prochnow, R.Y. Cusson, H.W. Newson, G.E. Mitchell, Statistical properties of ^{49}V via proton resonance reactions 35B (1971) 303
Bilpuch, E.G., see W.C. Peters 42B (1972) 422
Bimbot, L., see H. Doubre 29B (1969) 355
Bimbot, L., see I. Brissaud 48B (1974) 319
Bimbot, L., see Y. Le Bornec 49B (1974) 434
Bimbot, L., I. Brissaud, Y. Le Bornec, B. Tatischeff, N. Willis, M. Soyeur, Test of new shell model wave functions by means of 166 MeV alpha particle inelastic scattering 49B (1974) 443
Bingham, C., see J.A. Biggerstaff 25B (1967) 273
Bingham, H., see R. Arnold 27B (1968) 466
Bingham, H.G., see J.R. Comfort 40B (1972) 456
Bingham, H.H., see C. Baglin 22B (1966) 219; 24B (1967) 637; 29B (1969) 445
Bingham, H.H., see B. Daugeras 27B (1968) 332
Bingham, H.H., see R. Huson 28B (1968) 208
Bingham, H.H., W.B. Fretter, W.J. Podolsky, M.S. Rabin, A.H. Rosenfeld, G. Smadja, G.P. Yost, J. Ballam, G.B. Chadwick, Y. Eisenberg, E. Kogan, K.C. Moffeit, P. Seyboth, I.O. Skillicorn, H. Spitzer, G. Wolf, Observation of a four-pion vector-meson state of mass $\approx$ 1.5 GeV produced by linearly polarized 9.3 GeV photons 41B (1972) 635
Binkley, M.E., J.R. Elliot, L.R. Fortney, J.S. Loos, W.J. Robertson, C.M. Rose, W.D. Walker, W.M. Yeager, G.W. Meisner, R.B. Muir, π^0 multiplicities in π^+p interactions at 10.5 GeV/c 45B (1973) 295
Binnie, D.M., see W.G. Jones 23B (1966) 597
Binnie, D.M., A. Duane, A.R. Faruqi, J.P. Horsey, W.G. Jones, M.E. Kay, D.C. Mason, P.J. Nicholson, I.U. Rahman, J. Walters, J.G. Wilson, P. Palit, Measurement of the partial width of the decay $\theta \to e^+ + e^-$ 27B (1968) 106
Binnie, D.M., L. Camilleri, A. Duane, A.R. Faruqi, D.A. Garbutt, W.G. Jones M.E. Kay, M. Lewis, P.J. Nicholson, I. Siotis, P.N. Upadhyay, J.G. Wilson, I.F. Burton, S.G. Frank, R. George, M. Haque, J.G. McEwen, A_2^- production in the channel $\pi^+\pi^-\pi^-$ near threshold 36B (1971) 257
Binnie, D.M., L. Camilleri, A. Duane, D.A. Garbutt, J.R. Holmes, W.H. Jones, J. Keyne, M. Lewis, I. Siotis, P.N. Upadhyay, I.F. Burton, R. George, J.G. McEwen, A_2^- production in the channel π^- + neutrals near threshold 36B (1971) 537
Binni, D.M., L. Camilleri, A. Duane, D.A. Garbutt, J.R. Holmes, W.G. Jones, J. Keyne, M. Lewis, I. Siotis, P.N. Upadhyay, I.F. Burton,J.G. McEwen, Meson mass spectrum near the X^0 (958) 39B (1972) 275
Binon, F., see J.V. Allaby 28B (1968) 67, 229; 29B (1969) 198
Binon, F., see Yu.B. Bushnin 29B (1969) 48
Binon, F., S.P. Denisov, P. Duteil, V.A. Kachanov, V.M. Kutyin, J.P. Peigneux, Yu.D. Prokoshkin, E.A. Razuvaev, R.S. Shuvalov, M. Spighel, J.P. Stroot, Further measurements on the production of π^- and K^- mesons and antiprotons at the 70 GeV IHEP accelerator 30B (1969) 506
Binon, F., P. Duteil, V.A. Kachanov, V.P. Khromov, V.M. Kutyin, V.G. Lapshin, J.P. Peigneux, Yu.D. Prokoshkin, E.A. Razuveav, V.I. Rykalin, R.S. Shuvalov, V.I. Solianik, M. Spighel, J.P. Stroot, N.K. Vishnevsky, Production of antideuterons by 43 GeV, 52 GeV and 70 GeV protons 30B (1969) 510
Binon, F., S.P. Denisov, S.V. Donskov, P. Duteil, G. Giacomelli, Yu. P. Gorin, V.A. Kachanov, V.M. Kutyin, J.-P. Peigneux, A.I. Petrukhin, Yu.D. Prokoshkin, E.A. Razuvaev, R.S. Shuvalov, D.A. Stoyanova, J.-P. Stroot, Absorption cross-sections of 25 GeV/c antideuterons in Li, C, Al, Cu and Pb 31B (1970) 230
Ginstock, J., R. Bryan, A. Gersten, Test for T-violating in n-n scattering 48B (1974) 77

Birbrair, B.L., L.A. Sliv, Para- and orthostates in atomic nuclei 24B (1967) 444
Birbrair, B.L., Static quadrupole moments of first 2^+ states of spherical nuclei in a schematic model 32B (1970) 165
Birbrair, B.L., K.N. Nikolaev, Moments of inertia and the energy gap parameters of deformed even-even nuclei in rare-earth region 32B (1970) 672
Birbrair, B.L., Coriolis anti-pairing theory of nuclear rotations. Nuclear Meissner-effect 34B (1971) 558
Birbrair, B.L., Influence of the nuclear Meissner-effect on the ground state rotational bands of deformed nuclei 39B (1972) 489
Birbrair, B.L., Translation and rotation invariance conditions in deformed nuclei 46B (1973) 152
Birchall, J., see R. Roy 34B (1971) 491
Bird, J.R., see B.J. Allen 27B (1968) 494
Bird, J.R., M.J. Kenny, B.J. Allen, Neutron resonance measurements with a germanium detector 27B (1968) 638
Bird, L., see M.G. Albrow 29B (1969) 54; 33B (1970) 516
Birguer, N.G., see Y.D. Bajukov 24B (1967) 598
Birkholz, J., F. Beck, Particle-core coupling in ^{17}O 28B (1968) 18
Birkholz, J., Continuum calculation of the ^{12}C photodisintegration leading to lowlying mass-11 states 34B (1971) 1
Birnbaum, D., see E.W. Anderson 29B (1969) 136
Birnbaum, D., R.M. Edelstein, N.C. Hien, T.J. McMahon, J.F. Mucci, J.S. Russ, E.W. Anderson, E.J. Bleser, H.R. Blieden, G.B. Collins, D. Garelick, J. Menes, F. Turkot, Upper limits on rare two-body processes in K^-p and $\bar{p}p$ scattering at high energies 31B (1970) 36
Birnbaum, D., R.M. Edelstein, N.C. Hien, T.J. McMahon, J.F. Mucci, J.S. Russ, E.W. Anderson, E.J. Bleser, H.R. Blieden, G.B. Collins, D. Garelick, J. Menes, F. Turkot, Experimental study of the reactions $K^- + p \to \pi^- + \Sigma^+$ and $K^- + p \to \pi^- + Y^{*+}$ (1385) at 8 and 16 GeV/c 31B (1970) 484
Birsen, N., see C. Yalçin 33B (1970) 203
Birstein, L., R. Chechik, Ch. Drory, E. Friedman, A.A. Jaffe, A. Wolf, The angular distribution of gamma rays following (α, n) and (p, n) reaction 26B (1967) 220
Birulev, V.K., N.G. Fadeev, L.B. Golovanov, I.A. Golutvin, N.N. Govorun, T.S. Grigalashivili, B.N. Gus'kov, I.M. Ivanchenko, V.V. Kukhtin, G. Kish, V.G. Krivokhizhin, M.F. Likhachev, A.L. Lyubimov, V.L. Mazarsky, A.A. Mitin, E. Nagy, V.D. Peshekhonov, Yu.I. Salomatin, I.A. Savin, L.V. Sil'vestrov, V.E. Simonov, D.A. Smolin, G.G. Takhtamyshev, P. Todorov, L. Urban, G. Vestergombi, A.S. Vovenko, Yu. V. Zanevsky, Transmission regeneration of neutral K-mesons on hydrogen in the momentum region of 14-42 GeV/c 38B (1972) 352
Birulev, V.K., see Berlin ... collaboration 48B (1974) 257
Bishari, M., H.J. Yesian, The background in missing mass experiments 38B (1972) 312
Bishari, M., Pion exchange and inclusive spectra 38B (1972) 510
Bishari, M., J. Koplik, A perturbative description of the Pomeron suggested by the two-component model of multiparticle production 44B (1973) 175
Bisheva, G.K., V.S. Borisov, L.L. Goldin, L.N. Kondratjev, Z.S. Sidorenko, S.T. Sukhorukov, G.K. Tumanov, Cross sections of deuteron interaction with aluminium at 710 MeV 24B (1967) 533
Bisheva, G.K., see Y.D. Bajukov 24B (1967) 598
Bishop, G.R., Monopole excitation of the 0^+ state at 6.056 MeV in ^{16}O 25B (1967) 499
Bishop, J., see J. Lynch 35B (1971) 457
Bisi, V., R. Cester, A. Marzari Chiesa, M. Vigone, K^+ rare decay modes 25B (1967) 572
Bisi, V., P. Darriulat, M.I. Ferrero, C. Grosso-Pilcher, K. Kleinknecht, C. Rubbia, A. Staude, K. Tittel, A measurement of the $K_L \to \pi e \nu$ form factor 36B (1971) 533

Bisi, V., M.I. Rerreo, Measurement of the slope parameter for the neutral pion spectrum in $K_L^0 \to \pi^0\pi^+\pi^-$ decay 50B (1974) 504
Bister, M., see A. Antilla 29B (1969) 645
Biswas, N.N., N.M. Cason, P.B. Johson, V.P. Kenney, J.A. Poirier, W.D.. Shephard, R. Torgerson, Low energy $\pi\pi$-phase shifts from Coulomb interference 27B (1968) 513
Biswas, N.N., see B.J. Deery 31B (1970) 82
Biswas, N.N., see P.H. Stuntebeck 32B (1970) 391
Biswas, N.N., see M. Alston-Garnjost 39B (1972) 402
Biswas, N.N., see K. Paler 48B (1974) 151
Biyajima, M., Is it true that the residue of the $J = 0$ fixed pole in neutron Compton scattering is zero? 43B (1973) 197
Bizard, G., see C. Bricman 29B (1969) 451; 31B (1970) 148, 152
Bizard, G., Y. Déclais, J. Duchon, J.L. Laville, J. Séguinot, C. Bricman, J.M. Perreau, C. Valladas, A new measurement of the cross section for "π^- p → all neutrals" from 0.7 to 1.6 GeV/c 31B (1970) 481
Bizzeti, P.G., A.M. Bizzeti-Sona, A. Cambi, P.R. Maurenzig, C. Signorini, Lifetime of the first excited state ^{29}P and ^{29}Si 30B (1969) 94
Bizzeti-Sona, A.M., see P.G. Bizzeti 30B (1969) 94
Bizot, J.C., see C. Betourne 24B (1967) 590
Bizot, J.C., J.P. Perez-y-Jorba, D. Treille, Photoproduction of π^+ at 0° and forward angles between E_γ = 300 and E_γ = 600 MeV 25B (1967) 489
Bizot, J.C., see J.E. Augustin 28B (1968) 503, 508, 517
Bizot, J.C., J. Buon, Y. Chatelus, J. Jean-jean, D. Lalanne, H. Nguyen Ngoc, J.P. Perez-Y-Jorba, P. Petroff, F. Richard, F. Rumpf, D. Treille, Study of the ϕ meson by e^+e^- annihilation into charged K mesons and tests of vector dominance models 32B (1970) 416
Bjastad, S., see H. Bøggild 30B (1969) 369
Bjerregaard, J.H., see S. Hinds 21B (1966) 328
Bjerregaard, J.H., O. Hansen, O. Nathan, R. Stock, R. Chapman, S. Hinds, Proton-hole states in ^{47,45}K 24B (1967) 568
Bjørneboe, J., Z. Koba, N. Törnqvist, Graphical illustration of isospin analysis in single-pion production 34B (1971) 638
Bjørnholm, S., see J. Borggreen 37B (1971) 538
Bjørnholm, S., see J. Borggreen 25B (1967) 402
Black, J.L., W. Gruhle, D.W. Heikkinen, Collective states of ^{107}Ag 22B (1966) 598
Black, J.L., W.J. O'Connell, S.S. Hanna, G.L. Latshaw, Inverse photonuclear process in ^{16}O 25B (1967) 405
Black, J.L., W.J. Caelli, D.L. Livesey, R.B. Watson, Search for the lowest $T = 2$ state of ^{8}Be: experimental 30B (1969) 100
Black, W.W., see R.C. Greenwood 21B (1966) 702
Blackmon, M.L., see A.P. Balachandran 31B (1970) 655
Blackmon, M.L., M.J. King, K.C. Wali, Restrictions on the angular momentum of t-channel exchanges from s-channel helicity conservation 35B (1971) 44
Blackmon, M.L., see R.F. Amann 44B (1973) 266
Blaha, S., The inelastic e⁻p structure functions in a gluon model 40B (1972) 501
Blaha, S., W.J. Pardee, U.P. Sukhatme, A universal curve for meson-nucleon elastic scattering 42B (1972) 435
Blair, I.M., H. Müller, G. Torelli, E. Zavattini, G. Mandrioli, Production of a positive pion in a collision of a 247 MeV negative pion with a proton 32B (1970) 528
Blair, J.M., see C.W. Lewis 21B (1966) 326
Blair, J.S., see H. Sherif 26B (1967) 489

Blair, W.M.R., see D.C. Colley 24B (1967) 489
Bland, R., see J. Badier 39B (1972) 414; 41B (1972) 387
Bland, R.W., G. Goldhaber, G.H. Trilling, K^+p elastic scattering at 864, 969 and 1207 MeV/c 29B (1969) 618
Blankenbecler, R., see T.L. Neff 38B (1972) 515
Blankenbecler, R., see J.F. Gunion 39B (1972) 649
Blankenbecler, R., S.J. Brodsky, J.F. Gunion, Inclusive processes at high transverse momentum 42B (1972) 461
Blaschke, R., see J.V. Beaupré 37B (1971) 432
Blasi, P., P.R. Maurenzig, N. Taccetti, R.A. Ricci, Low-lying shell-model states in ^{50}V 28B (1968) 555
Blatt, J.M., see L.M. Delves 28B (1968) 472
Bleck, J., D.W. Haag, W. Leitz, W. Ribbe, Half-life and g-factor measurement of an excited state in ^{79}Kr 26B (1967) 134
Bleck, J., D.W. Haag, W. Leitz, R. Michaelsen, W. Ribbe, The magnetic moment of the $\frac{7}{2}^-$ state at 1.29 MeV in ^{41}K 28B (1968) 651
Bleck, J., R. Michaelsen, W. Ribbe, W. Zeitz, Energy, lifetime and g-factor of the first excited state in ^{63}Ni 32B (1970) 41
Bleckwenn, J., J. Moritz, K.H. Schmidt, D. Wegener, Upper limit of the isotensor contribution to the electroproduction cross section in the region of the $\Delta(1236)$-resonance 38B (1972) 265
Bledsoe, H., T. Tamura, Isobaric analog resonances in collective nuclei 34B (1971) 443
Bledsoe, H., see W.R. Coker 40B (1972) 164
Bleser, E.J., see E.W. Anderson 29B (1969) 136
Bleser, E.J., see D. Birnbaum 31B (1970) 36, 484
Błeszyńska, E., M. Błeszyński, A. Małecki, P. Picchi, Inelastic sum rule for high-energy hadron scattering and nucleon-nucleon correlations 43B (1973) 355
Błezyński, M., see E. Błeszyńska 43B (1973) 355
Bleuler, E., see L.W. Jones 21B (1966) 590
Blieden, H.R., see E.W. Anderson 29B (1969) 136
Blieden, H.R., see D. Birnbaum 31B (1970) 36, 484
Blieden, H.R., G. Finocchiaro, J. Kirz, C. Nef, R. Thun, D. Bowen, D. Earles, W. Faissler, D. Garelick, M. Gettner, M. Glaubman, B. Gottschalk, G. Lutz, J. Moromisato, E.I. Shibata, Y.W. Tang, E. Von Goeler, Measurement of K^{*-} production in the reaction $K^-p \to K^{*-}p$ 39B (1972) 668
Blin-Stoyle, R.J., P. Herczeg, A note on the isospin structure of the weak nonleptonic strangeness conserving interactions 23B (1966) 376
Blin-Stoyle, R.J., ft-values of superallowed $0^+ \to 0^+$ β-transitions and the neutron and proton density distributions 29B (1969) 12
Blin-Stoyle, R.J., J.A. Evans, A.M. Khan, Coulomb effects in the $A = 13$, 18 mirror β-decays and the second class current problem 36B (1971) 202
Blin-Stoyle, R.J. see A. Barroso 45B (1973) 178
Blobel, V., see H.J. Mück 39B (1972) 303
Blobel, V., H. Fesefeldt, H. Franz, B. Hellwig, U. Idschok, J.W. Lamsa, D. Mönkemeyer, H.F. Neumann, D. Roedel, W. Schrankel, B. Schwarz, F. Selonke, P. Söding, Observation of vector meson production in inclusive pp reactions 48B (1974) 73
Bloch, C., see M. Bauer 33B (1970) 155
Bloch, R., R.E. Pixley, P. Truöl, Isobaric spin impurity of the lowest $T = 2$ state in ^{20}Ne 25B (1967) 215
Block, M.M., The electromagnetic form factor of the pion 25B (1967) 604
Block, M.M., I. Kenyon, J. Keren, D. Koetke, P. Malhotra, P. Mazur, R. Walker, H. Winzeler, A measurement of the nuclear radius of ^4He 26B (1967) 464

Block, M.M., see U. Amaldi 43B (1973) 231
Błocki, J., W. Kurcewicz, Octupole vibrations of even nuclei in the transuranic region 30B (1969) 458
Błocki, J., Z. Sujkowski, M. Zielińska-Pfabe, Penetrability of nuclear fission barrier for muonic atoms 42B (1972) 415
Blokhintsev, L.D., see A.G. Baryshnickov 36B (1971) 205; 45B (1973) 1
Blomqvist, J., Particle-hole excitations with a sum of separable interaction 28B (1968) 22
Blomqvist. J., T.T.S. Kuo, Core polarization and particle-hole excitations in ^{40}Ca and ^{48}Ca 29B (1969) 544
Blomqvist, J., see T.T.S. Kuo 31B (1970) 93
Blomqvist, J., PCAC and triton beta decay 32B (1970) 1
Blomqvist, J., The $3^- \times 3^-$ two-photon quartet and the proton pairing vibration in ^{208}Pb 33B (1970) 541
Blomqvist, J., Mirror asymmetry between the β decays of ^{12}B and ^{12}N 35B (1971) 375
Blondin, D., see R.E. Shamu 45B (1973) 241
Bloom, S.D., Difference in the electronic and fission decay modes for muonic atoms 48B (1974) 420
Blue, R.A., see J.J. Ramirez 32B (1970) 361
Blue, R.A., see R.M. Keyser 34B (1971) 602
Blum, B., see K. Chung 32B (1970) 536
Blum, D., see F. Hasert 46B (1973) 138
Blum, N.A., see J. Chappert 28B (1968) 406
Blum, W., see D.C. Colley 24B (1967) 489
Blum, W., see G. Grayer 34B (1971) 333; 35B (1971) 610; 39B (1972) 563
Blumberg, H., K.-H. Speidel, H. Schlenz, R.L. Rasera, E. Bodenstedt, Search for parity mixing in the 501 keV γ transition of ^{180m}Hf 22B (1966) 328
Blumberg, H., see B. Persson 24B (1967) 522
Blumenfeld, B.J., G.R. Kalbfleisch, Formation of the $Y_1^*(1616)$ and $Y_1^*(1700)$ in $K_L^0 p$ interactions 29B (1969) 58
Blumenfeld, B.J., see F.W. Büsser 46B (1973) 471; 48B (1974) 371, 377
Blumenfeld, H., see R. Baud 31B (1970) 397, 401
Blumenfeld, H., see V.V. Ammosov 42B (1972) 519
Blumenfeld, H., P. Granet, J.Ph. Laugier, M. Loret, J. Prevost, J. Saudraiz, V.V. Ammosov, P.F. Ermolov, B.M. Kubik, A.M. Moiseev, E.A. Sloboduk, E.A. Stazchenko, M. Boratav, H.K. Nguyen, Photon production in 69 GeV pp interactions 45B (1973) 525
Blumenfeld, H., P. Granet, J.Ph. Laugier, M. Loret, J. Prevost, J. Saudraix, V.V. Ammosov, P.F. Ermolov, B.M. Kubik, A.M. Moiseev, E.A. Sloboduk, E.A. Stazchenko, M. Boratav, A.M. Touchard, Inclusive neutral kaon and lambda production in 69 GeV pp interactions 45B (1973) 528
Blumenfeld, H., see V.A. Bumazshnov 50B (1974) 283
Blumenfeld, H., see J. Derre 50B (1974) 287
Bluvstein, R.E., V.M. Dubovik, Transition magnetic moments of hadrons and sidewise dispersion relations 45B (1973) 345
Blyth, C.O., P.B. Dunscombe, J.S.C. McKee, C. Pope, Polarisation transfer at 0° in the D(d, n) ^{3}He and H(d, n)pp reactions 33B (1970) 211
Bobisut, F., see D. Haidt 29B (1969) 691
Bobisut, F., see W. Schweinberger 36B (1971) 246
Boca, I., M. Borsaru, M. Cenja, C. Hategan, E. Iliescu, ^{7}Li(p, α)^{4}He reaction with polarized protons 22B (1966) 76
Bochman, G.V., O. Kofoed-Hansen, B. Margolis, High energy neutron-nucleus total cross-section 33B (1970) 222
Bochnacki, Z., On the dependence of QQ-force strength on deformation 31B (1970) 175
Bochnacki, Z., On the determination of the pairing strength from the condition for the total energy minimum 31B (1970) 187

Bock, P., B. Jenschke, H. Schopper, Search of parity mixing in ^{180}Hf by a measurement of the circular polarization of γ rays 22B (1966) 316
Bock, P., see B. Jenschke 31B (1970) 65
Bock, P., Left-right assymmetry in Compton scattering on polarized electrons 30B (1969) 628
Bock, R., M. Grosse-Schulte, W. Von Oertzen, Diffraction model interpretation of heavy ion induced transfer reactions 22B (1966) 456
Bock, R., see K. Bethge 24B (1967) 663
Bock, R., see U. Lynen 25B (1967) 9
Bock, R., see F. Pühlhofer 25B (1967) 117
Bock, R., see W. Von Oertzen 26B (1967) 291
Bock, R., see K.D. Hildenbrand 42B (1972) 425
Bock, R., see C.K. Gelbke 43B (1973) 284
Bock, R., see W.F.W. Schneider 46B (1973) 195
Böckmann, K., see H.G. Hilpert 23B (1966) 707
Böckmann K., see R. Erbe 27B (1968) 54
Böckmann, K., see H.G. Hilpert 27B (1968) 474
Böckmann, K., M. Rost, K. Sternberger, G. Winter, Z.I. Bhuiyan, H. Halliwell, J.V. Major, T.G. Lim, C.L. Pols, D.J. Schotanus, D.Z. Toet, R.T. Van de Walle, E. Cirba, P. Fleury, G. De Rosny, R. Vanderhaghen, B. Schiby, J. Oudet, R. Strub, B. Quassiati, G. Rinaudo, M. Vigone, A. Werbrouck, Test of quark-model predictions in double resonance production by 5 GeV/c π^+ mesons on protons 28B (1968) 72
Böckmann, K., see J.V. Beaupré 34B (1971) 160; 37B (1971) 432; 41B (1972) 393
Böckmann, K., see K. Boesebeck 34B (1971) 659
Bodenstedt, E., see H. Blumberg 22B (1966) 328
Bodenstedt, E., L. Ley, H.O. Schlenz, U. Wehman, Parity mixing in the 482 keV transition of ^{181}Ta 29B (1969) 165
Bodmer, A.R., see S. Ali 24B (1967) 343
Boehm, F., G.B. Hagemann, A. Winther, Internal magnetic fields of rare earths in iron 21B (1966) 217
Boehm, F., see B.I. Deutch 21B (1966) 659
Boehm, F., G. Goldring, G.B. Hagemann, G.D. Symons, A. Tveter, A determination of the gyromagnetic ratios of some odd-A deformed nuclei from branching ratio measurements 22B (1966) 627
Boehm, F., G. Goldring, G.B. Hageman, G.D. Symon, A. Tveter, Erratum 23B (1966) 491
Boehm, F., see H. Ryde 24B (1967) 387
Boehm, F., see J.C. Vanderleeden 30B (1969) 467
Boehm, F., see P.L. Lee 35B (1971) 33
Boehm, F. see E.D. Lipson 35B (1971) 307
Boehm, F., see H.K. Walter 40B (1972) 197
Boeker, E., On the monopole matrix element of the ^{16}O 6.06 MeV level 21B (1966) 69
Boeker, E., see H.A. Lamme 24B (1967) 367
Boeker, E., Monopole excitation of deformed 0^+ states in ^{16}O and ^{40}Ca 24B (1967) 616
Boersma, H.J., see N.J. McGurk 49B (1974) 13
Boerstling, P., see T.D. Thomas 27B (1968) 504
Boesebeck, K., see J.V. Beaupré 34B (1971) 160
Boesebeck, K., R. Honecker, P. Lauscher, M. Matziolis, K. Rumpf, H. Kotzan, K. Lanius, E. Ryseck, H. Schiller, K. Böckmann, H. Drevermann, W. Jahnssen, P. Kobe, E. Propach, M. Rost, K. Sternberger, T. Besliu, V.T. Cocconi, J.D. Hansen, W. Kittel, S. Matsumoto, D.R.O. Morrison, J.B. Whittaker, K. Dziuikowska, S. Brandt, T.P. Shah, S. Otwinowski, H. Piotrowska, A. Wroblewski, Observation of the four-pion decay mode of the D(1285) meson in $\pi^\pm$p reactions at 16 GeV/c 34B (1971) 659

Bogachev, N.P., see G. Bozóki 28B (1968) 360
Bogachev, N.P., see M.G. Antonova 39B (1972) 282, 285
Bogaerts, A., see M.G. Albrow 42B (1972) 279; 44B (1973) 207, 518; 40B (1972) 136
Bogdan, B., I. Chincheza, J. Cohen, E.M. Friedlander, M. Haiduc, M. Marcu, A. Marin, S. Neagu, R. Nitu, T. Visky, H. Annoni, C. Busi, A. Cordaillat, A. Gurtu, A.J. Herz, Wide-angle production of slow antiprotons at the CERN intersecting storage rings 41B (1972) 221
Bogdan, D., N. Cârjan, I. Piticu, The isobaric analogue state of the ^{199}Au ground state and the β decay of the latter 31B (1970) 280
Bogdanovicz, E.M., see V.V. Barmin 33B (1970) 377
Bøggild, H., K. Hansen, H. Johnstad, R. Møllerud, M. Suk, L. Veje, M. Korkea-Aho, K.V. Laurikainen, P.K. Laurikainen, V. Bakken, S. Bjastad, F.O. Breivik, T. Jacobsen, S.O. Sørensen, O. Danielsson, G. Ekspong, L. Grantstrøm, B. Ronne (The Scandinavian Collaboration), Evidence for dominance of pomeron like exchange in pp → NNπ at 19 GeV/c 30B (1969) 369
Bøggild, H., see B. Alper 46B (1973) 265; 47B (1973) 75, 275; 44B (1973) 521, 527
Bogomolny, E.B., A.D. Dolgov, L.B. Okun, V.I. Zakharov, On the decay $K_L \to 2\mu$ and possible *CPT* violation 38B (1972) 45
Bohigas, O., C. Quesne, R. Arvieu, Generalized seniority breaking of two body interactions 26B (1967) 562
Bohigas, O., J. Flores, Two-body random Hamiltonian and level density 34B (1971) 261
Bohigas, O., J. Flores, Spacing and individual eigenvalue distributions of two-body random hamiltonians 35B (1971) 383
Bohlen, G., see W. Von Oertzen 34B (1971) 51
Bohlen, H.G., W. von Oertzen, Molecular scattering states of the neutron in the elastic scattering of ^{12}C on ^{13}C 37B (1971) 451
Bohlen, H.G., M. Feil, A. Gamp, B. Kohlmeyer, N. Marquardt, W. Von Oertzen, Nucleon exchange in scattering of carbon isotopes 41B (1972) 425
Bohlen, H.G., see K.D. Hildenbrand 42B (1972) 425
Bohlen, H.G., W. Nörenberg, Molecular orbitals and multiple transfer in the elastic collision of ^{16}O on ^{17}O 49B (1974) 227
Böhm, A., see N. Mukunda 24B (1967) 301
Böhm, A., P. Darriulat, C. Grosso, V. Kaftanov, K. Kleinknecht, H.L. Lynch, C. Rubbia, H. Ticho, K. Tittel, Observation of time-dependent K_S and K_L interference in the $\pi^+\pi^-$ decay channel from an initial K_0 state 27B (1968) 321
Böhm, A., P. Darriulat, C. Grosso, V. Kaftanov, K. Kleinknecht, H.L. Lynch, C. Rubbia, H. Ticho, K. Tittel, On $K_L - K_S$ regeneration in copper 27B (1968) 594
Böhm, A., M. Bozzo, R. Ellis, H. Foeth, M.I. Ferrero, G. Maderni, B. Naroska, C. Rubbia, G. Sette, A. Staude, P. Strolin, G. De Zorzi, Observation of a diffraction minimum in the proton-proton elastic scattering at the ISR 49B (1974) 491
Böhm, G., Detection and interpretation of very short range hyperfragments 26B (1967) 733
Bhm, M., M. Krammer, Generalized vector dominance and the pion form factor 50B (1974) 457
Bohn, H., see F. Wagner 28B (1968) 548
Bohn, H., see G. Kaindl, D. Kucheida, F.E. Wagner, P. Kienle, Change of the nuclear charge radius of ^{189}Os from Mössbauer isomer shifts 32B (1970) 346
Bohne, W., H. Fuchs, K. Grabisch, D. Hilscher, U. Jahnke, H. Kluge, T.G. Masterson, New states in ^{16}F 47B (1973) 342
Boiti, A., M. Gmitro, A. Fimini, T. Weber, On a completely microscopic description of the 2p-1f shell nuclei 33B (1970) 553
Boitsov, V.N., see V.V. Ammosov 42B (1972) 519

Boldea, V., see E.G. Budelev 24B (1967) 246
Boldea, V., see O. Balea 39B (1972) 571
Boldea, V., see E. Balea 46B (1973) 389
Boldea, V., see Alma ... collaboration 48B (1974) 277
Boldrighini, C., L. Lusanna, Fireball-like structure in multiperipheral models 40B (1972) 573
Boleu, R., S.G. Nilsson, R.K. Sheline, K. Takahashi, On the termination of the R-process and the synthesis of superheavy elements 40B (1972) 517
Bollinger, L.M., G.E. Thomas, Rotational bands of ^{166}Ho 32B (1970) 457
Bollini, C.G., J.J. Giambiagi, Phase shifts and matrix elements of potentials 30B (1969) 441
Bollini, C.G., J.J. Giambiagi, Lowest order "divergent" graphs in ν-dimensional space 40B (1972) 566
Bollini, D., see V. Alles-Borelli 36B (1971) 149; 40B (1972) 433
Bollini, D., see M. Bernardini 44B (1973) 393; 45B (1973) 169, 510; 46B (1973) 261
Bolotov, B.N., see V.I. Belousov 43B (1973) 76
Bolotov, V.N., see Yu. M. Antipov 30B (1969) 576
Bolotov, V.N., M.I. Devishev, M.N. Devisheva, M.I. Grachev, V.V. Isakov, V.A. Kachanov, R.N. Krasnokutsky, V.M. Kutyin, Yu. D. Prokoshkin, E.A. Razuvaev, A.N. Sitin, V.K. Semenov, R.S. Shuvalov, L.M. Vasilyev, Measurements of $\pi^- p \to \pi^0 n$ reaction cross-section in the momentum range up to 50 GeV/c 38B (1972) 120
Bolotov, V.N., V.V. Isakov, V.A. Kachanov, C.D. Kakauridze, Yu.D. Prokoshkin, E.A. Rasuvaev, Measurement of the cross sections for reaction $\pi^- p \to X^0 n$ in the momentum range up to 50 GeV/c 48B (1974) 280
Bolta, J.M., see Barcelona ... collaboration 48B (1974) 467
Bombay-CERN-Cracow collaboration, Angular distribution of secondary particles produced in the intersecting storage rings at an energy equivalent to 1500 GeV 36B (1971) 611
Bonamy, P., P. Borgeaud, C. Bruneton, P. Falk-Vairant, O. Guisan, P. Sonderegger, C. Caverzasio, J.P. Guillaud, J. Schneider, M. Yvert, I. Mannelli, F. Sergiampietri, L. Vincelli, $\pi^- p \to \pi^0 n$ polarization at 5.9 and 11.2 GeV/c 23B (1966) 501
Bond, P.D., J.D. Garrett, O. Hansen, S. Kahana, M.J. LeVine, A.Z. Schwartzschild, Onset of diffraction-like angulr distributions in the ^{40}Ca(^{13}C, ^{12}C)^{41}Ca reactions 47B (1973) 231
Bond, P.D., see S. Kahana 50B (1974) 199
Bondarenko, A.I., see M.G. Antonova 39B (1972) 282, 285
Bondarenko, L.N., see B.G. Erozolimsky 27B (1968) 557; 33B (1970) 351
Bondelid, E.O., see E.L. Petersen 31B (1970) 209
Bonde Nielsen, K., see B.I. Deutch 21B (1966) 659
Bonde Nielsen, K., B.I. Deutch, Perturbed angular correlation measurements with β-particles from ^{154}Eu 25B (1967) 208
Bonde Nielsen, K., see H.L. Nielsen 27B (1968) 150
Bonde Nielsen, K., see B.I. Deutch 27B (1968) 209, 455
Bondorf, J.P., H. Lütken, S. Jägare, A potential model for isobaric analogue states 21B (1966) 185
Bondorf, J.P., see B.L. Anderson 22B (1966) 651
Bondorf, J.P., P. Von Brentano, P. Richard, Configurations of the lowest 4^- state in ^{208}Pb 27B (1968) 5
Bondorf, J.P., see H. Ejiri 28B (1968) 304
Bondorf, J.P., Damping effects in the transmission through the double-humped fission barrier 31B (1970) 1
Bondorf, J.P., see J. Zimányi 32B (1970) 159
Bondorf, J.P., see P.J. Siemens 36B (1971) 24
Bondorf, J.P., W. Nörenberg, Sequential decay of light fragments in heavy ion reactions 44B (1973) 487
Boneh, Y., see E. Nardi 27B (1968) 144

Bonetti, R., L. Milazzo-Colli, Spontaneous α-decay: a statistical interpretation 49B (1974) 17
Bonetti, S., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Bonetti, S., see F.J. Hasert 46B (1973) 121, 138
Bonn, J., G. Huber, H.J. Kluge, U. Köpf, L. Kugler, E.-W. Otten, Optical pumping of neutron deficient ^{187}Hg 36B (1971) 41
Bonn, J., G. Huber, H.-J. Kluge, L. Kugler, E.W. Otten, Sudden change in the nuclear charge distribution of very light mercury isotopes 38B (1972) 308
Bonn-Durham-Nijmegen-Paris-Strasbourg-Turin collaboration, Test of quark-model predictions in double resonance production by 5 GeV/c π^+ mesons on protons 28B (1968) 72
Bonnel, C., see W.F. Baker 23B (1966) 605; 25B (1967) 361
Bonnel, C., see J. Banaigs 24B (1967) 317
Bonnel, C., see P.V. Chliapnikov 39B (1972) 279
Bonner, T.I., see L.S. Michelman 28B (1968) 659
Bonnet, A., see J. Badier 25B (1967) 152
Bonnier, B., R. Ving Mau, Bounds on the energy dependence of phase shifts from analyticity and unitarity 24B (1967) 477
Bonnier, B., see J.P. Ader 46B (1973) 403
Boos, A.H., see H.J. Becker 50B (1974) 445
Boos, E.G., see M.G. Antonova 39B (1972) 282, 285
Boos, E.G., see V.A. Bumazshnov 50B (1974) 283
Boos, E.G., see J. Derre 50B (1974) 287
Booth, N.E., see H. Aoi 35B (1971) 90
Booth, P., see B. Alper 44B (1973) 521, 527; 46B (1973) 265; 47B (1973) 75, 275
Booth, P.S.L., R.G. Johnson, E.G.H. Williams, J.R. Wormald, Measurement of momentum of muons from pion decay upper limit for muon neutrino mass 26B (1967) 39
Booth, P.S.L., R.G. Johnson, E.G.H. Williams, J.R. Wormald, Mass of the positive pion 32B (1970) 723
Booth, P.S.L., G.R. Court, B. Craven, R. Gamet, P.J. Hayman, J.R. Holt, A.P. Hufton, J.N. Jackson, J.H. Norem, W.H. Range, Polarized target asymmetry for pi-zero photoproduction at 4 GeV 39B (1972) 339
Booth, P.S.L., see J.S. Barton 42B (1972) 297
Booth, W., S.M. Dalgliesh, K.C. McLean, R.N. Glover, F.R. Hudson, Systematics of $l = 5$ (d, p) transitions in nuclei with $89 \leqslant A \leqslant 101$ 30B (1969) 335
Bopp, F., see H. Maier-Bötzel 32B (1970) 616
Boratav, M., see V.V. Ammosov 42B (1972) 519
Boratav, M., see H. Blumenfeld 45B (1973) 525, 528
Borbèly, I., Application of the nonrelativistic peripheral model to reactions between light particles 35B (1971) 388
Borbély, I., Comparison of spectroscopic information given by the peripheral model and DWBA 37B (1971) 243
Borbély, I., The singularity subtraction method for extracting spectroscopic information from nuclear reaction data 49B (1974) 325
Borcher, R., see L. Grodzins 21B (1966) 214
Borchers, R.R., see H.W. Kugel 32B (1970) 463
Borchert, H., see J. Ahrens 31B (1970) 570
Borello-Lewin, T., see S. De Barros 49B (1974) 113
Borer, K., B. Hahn, H. Hofer, H. Kaspar, F. Krienen, P.-G. Selier, Test on the conservation of the muonic lepton number 29B (1969) 614
Borer, K., B. Hahn, H. Hofer, F. Krienen, P.-G. Seiler, Dependence of ν-nucleus cross sections on the mass number 30B (1969) 572

Boreskov, K.G., see K.A. Ter-Martirosyan 25B (1967) 223
Borg, A., see J.M. Abillon 32B (1970) 712
Borg, A., see B. Chaurand 38B (1972) 253
Borg, A., see R. Barloutaud 38B (1972) 257
Borg, A., see K. Paler 43B (1973) 437; 48B (9174) 151
Borg, A., see G. Poulard 46B (1973) 135
Borg, S., see A. Kerek 44B (1973) 252
Borgeaud, P., see P. Bonamy 23B (1966) 501
Borggreen, J., Y.P. Gangrsky, G. Sletten, S. Bjørnholm, A new spontaneously fissioning isomer: ^{238}Am 25B (1967) 402
Borghini, M., G. Coignet, L. Dick, L. Di Lella, A. Michalowicz, P.C. Macq, J.C. Olivier, Measurement of the polarization parameter in π^-p elastic scattering at 6.0, 8.0 and 10.0 GeV/c 21B (1966) 114
Borghini, M., G. Coignet, L. Dick, K. Kuroda, L. Di Pella, P.C. Macq, A. Michalowicz, J. C. Olivier, The polarization parameter in $\pi^\pm$p and pp elastic scattering from 6 to 12 GeV/c 24B (1967) 77
Borghini, M., L. Dick, L. Di Lella, A. Navarro, J.C. Olivier, K. Reibel, C. Coignet, D. Cronenberger, G. Grégoire, K. Kuroda, A Michalowicz, M. Poulet, D. Sillov, G. Bellettini, P.L. Braccini, T. Del Prete, L. Foà, G. Sanguinetti, M. Valdata, Measurement of the polarization parameter in $\pi^\pm$p, K$^\pm$p, pp, and $\bar{p}$p elastic scattering at 6 GeV/c 31B (1970) 405
Borghini, M., see M.G. Albrow 35B (1971) 247
Borghini, M., L. Dick, J.C. Oliver, H. Aoi, D. Cronenberger, G. Grégoire, Z. Janout, K. Kuroda, A. Michalowicz, M. Poulet, D. Sillou, G. Bellettini, P.L. Braccini, T. del Prete, L. Foà, P. Laurelli, G. Sanguinetti, M. Valdata, Measurement of the polarization parameter in π^+p elastic scattering at 10, 14 and 17.5 GeV/c and for $t \lesssim 2$(GeV/c)^2 36B (1971) 493
Borghini, M.L. Dick, J.C. Olivier, H. Aoi, D. Cronenberger, G. Grégoire, Z. Janout, K. Kuroda, A. Michalowicz, M. Poulet, D. Sillou, G. Bellettini, P.L. Braccini, T. del Prete, L. Foà, P. Laurelli, G. Sanguinetti, M. Valdata, Polarization parameter on K$^\pm$p and $\bar{p}$p elastic scattering at 10 and 14 GeV/c 36B (1971) 497
Borghini, M., L. Dick, J.C. Olivier, H. Aoi, D. Cronenberger, G. Grégoire, Z. Janout, K. Kuroda, A. Michalowicz, M. Poulet, D. Sillou, G. Bellettini, P.L. Braccini, T. del Prete, L. Foà, P. Laurelli, G. Sanguinetti, M. Valdata, Polarization in proton-proton elastic scattering at 10, 14 and 17.5 GeV/c 36B (1971) 501
Borghini, M., see P. Le Du 44B (1973) 390
Borghini, M., see W. Beusch 46B (1973) 477
Borgia, B., F. Ceradini, M. Conversi, L. Paulouzi, W. Scandale, G. Barbiellini, M. Grilli, P. Spillantini, R. Visentin, A. Mulachiè, Test of quantum electrodynamics by Bhabha scattering in the GeV region 35B (1971) 340
Borgia, B., see E. Amaldi 41B (1972) 216
Boridy, E., C. Mahaux, Relation between the background cross section and the correlation between partial widths 45B (1973) 81
Boridy, E., Backward-angle anomalies in alpha-particle elastic scattering 48B (1974) 413
Boridy, E., H. Feshback, High energy proton scattering by medium and heavy nuclei 50B (1974) 433
Borie, E., H. Chandra, D. Drechsel, Final state interaction in pion electroproduction from nuclei near theshold 47B (1973) 291
Boright, J.P., D.R. Bowen, D.E. Groom, J. Orear, D.P. Owen, A.J. Pawlicki, D.H. White, The reactions π^-p → nπ^0 and π^-p → π^-p → nη^0 in the backward hemisphere 33B (1970) 615
Borisov, V.S., see G.K. Bisheva 24B (1967) 533

Borisov, V.S., see Y.D. Bajukov 24B (1967) 598
Borisov, V.S., see V.V. Barmin 33B (1970) 377
Borsaru, M., see I. Boca 22B (1966) 76
Borse, G.J., J.M. Eisenberg, Core excitation of ^{20}Ne 22B (1966) 630
Borukhovich, G.Z., see Ts. Panteleev 35B (1971) 507
Borysowicz, J., J. Dabrowski, The ground state of ^{3}H with separable nonlocal interaction with hard shell repulsion 24B (1967) 125
Borysowicz, J., J. Dabrowski, Hypertriton with separable nonlocal interaction with hard shell repulsion 24B (1967) 549
Borysowicz, J., On a soution of the nuclear three body problem in coordinate space 31B (1970) 433
Borysowicz, J., The size of ^{12}C in the α-particle model 35B (1971) 113
Bösch, R., see W. Wölfli 22B (1966) 75
Boschitz, E.T., see R.E. Warner 24B (1967) 91
Boschitz, E.T., see J.S. Vincent 25B (1967) 81
Boschitz, E.T., see R.L. Hutson 27B (1968) 153
Boschitz, E.T., see C.W. Lewis 47B (1973) 339
Bosco, B., G. Ciochetti, On the coherent photoproduction on ^{4}He 25B (1967) 102
Bosco, B., B. Mosconi, G. Varcaccio, Threshold electrodisintegration of deuteron and the $^{1}S_{0}$ resonance 30B (1969) 136
Bosco, B., F. Erda, B. Mosconi, A. Pompei, The neutron-deuteron radiative capture and the Seagrave-Van Oers pole in the effective range approximation 32B (1970) 236
Bosco, B., Soft multipole radiation and charge-current distribution in a nucleus 40B (1972) 171
Bosio, C., see J.V. Allaby 34B (1971) 431
Bosio, C., see U. Amaldi 34B (1971) 435; 36B (1971) 504; 43B (1973) 231; 44B (1973) 112
Bosman, J.J., see E.R. Reddingius 41B (1972) 301
Bošnjaković, B., C. Van Der Leun, *T*-forbidden excitation of isobaric analogue state in the ^{37}Cl(p, α_{0})^{34}S reaction 23B (1966) 687
Bošnjaković, B., see H. Benz 28B (1968) 233
Bošnjaković, B., see R. Baud 30B (1969) 129; 31B (1970) 397, 401, 549
Bošnjaković, B., see M.G. Albrow 34B (1971) 337; 35B (1971) 247; 40B (1972) 136; 42B (1972) 279; 44B (1973) 207, 518
Boss, G.R., see E.M. Bernstein 33B (1970) 465
Bossen, G.J., see J.V. Beauprè 41B (1972) 393
Bossen, J.H., see J.V. Beaupré 37B (1971) 432
Bott-Dodenhausen, M., X. De Bouard, D.G. Cassel, D. Dekkers, R. Felst, R. Metmod, I. Savin, P. Scharff, M. Vivargent, T.R. Willitts, K. Winter, Interference of K_{L}^{o} and K_{S} amplitudes in the $\pi^{+}\pi^{-}$ decay mode 23B (1966) 277
Bott-Bodenhausen, M., X. De Bouard, D.G. Cassel, D. Dekkers, R. Felst, R. Mermod, I. Savin, P. Scharff, M. Vivargent, T.R. Willitts, K. Winter, Search for decay of neutral kaons into charged lepton pairs 24B (1967) 194
Bott-Bodenhausen, M., X. De Bouard, D. Dekkers, R. Felst, R. Mermod, I. Savin, P. Scharff, M. Vivargent, T.R. Willitts, K. Winter, Interference between K_{L}^{o} and K_{S}^{o} in the $K_{\mu 3}$ decay mode 24B (1967) 438
Bott-Bodenhausen, M., D.O. Caldwell, C.W. Fabjan, C.R. Gruhn, L.S. Peak, L.S. Rochester, F. Sauli, U. Stierlin, R. Tirler, B. Winstein, D. Zahniser, A search for quarks at the CERN Intersecting Storage Rings 40B (1972) 693
Böttcher, H., see H.G. Hilpert 23B (1966) 707
Böttcher, H., see M. Aderholz 27B (1968) 174

Böttcher, H., see J. Bartsch 27B (1968) 336
Böttcher, H., see Aachen ... Collaboration 49B (1974) 388
Botterill, D.R., see R. Baud 30B (1969) 129; 31B (1970) 397, 401, 549
Botterill, D.R., R.M. Brown, A.B. Clegg, I.F. Corbett, G. Culligan, J. McL. Emmerson, R.C. Field, J. Carvey, P.B. Jones, N. Middlemas, D. Newton, T.W. Quirk, G.L. Salmon, P.H. Steinberg, W.S.C. Williams, Form factors in the decay $K^+ \to \pi^0 + l^+ + \nu$ 31B (1970) 325
Botterill, D.R., D.W. Braben, R. Kikuchi, P.R. Norton, A. Del Guerra, A. Giazotto, M.A. Giorgi, A. Stefanini, The total cross section for π^+ electroproduction on hydrogen near threshold 45B (1973) 405
Botterill, D.R., see A. Dell Guerra 45B (1973) 409; 50B (1974) 487
Botterill, D.R., D.W. Braben, H.E. Montgomery, P.R. Norton, G. Matone, A. Del Guerra, A. Giazotto, M.A. Giorgi, F. Orsitto, A. Stefanini, Elastic electron-proton scattering between 0.05 and 0.30 $(\mathrm{GeV}/c)^2$ 46B (1973) 125
Bottino, A., G. Ciocchetti, Low-energy electron scattering and dispersive effects 34B (1971) 187
Bottino, A., G. Ciocchetti, A comment on shell corrections to nuclear binding energies 38B (1972) 140
Bottino, A., G. Ciocchetti, Coulomb corrections to nucear beta decay 43B (1973) 170
Bouché, R., see C. Détraz 22B (1966) 638
Bouché, R., see J.R. Pizzi 28B (1968) 32
Bouchiat, C., Ph. Meyer, The algebra of currents and the $|\Delta I| = \frac{1}{2}$ rule for K-meson non-leptonic decay 22B (1966) 198
Bouchiat, C., Ph. Meyer, Algebra currents and the deviation from the $|\Delta I| = \frac{1}{2}$ rule in $K \to 3\pi$ decay 25B (1967) 282
Bouchiat, C., J. Iliopoulos, Ph. Meyer, An anomaly-free version of Weinberg's model 38B (1972) 519
Bouchiat, C., J. Iliopoulos, Ph. Meyer, Elastic neutrino scattering renormalizable theories of weak and electromagnetic interactions without neutral currents 42B (1972) 91
Bouchiat, C.C., see M.A. Bouchiat 48B (1974) 111
Bouchiat, M.A., C.C. Bouchiat, Weak neutral currents in atomic physics 48B (1974) 111
Boudard, A., see J. Menet 40B (1972) 192
Bouldin, D., F.S. Levin, the DWBA and Mitra's three-body model of stripping 37B (1971) 145
Bouldin, D.P., F.S. Levin, Numerical study of DWBA in a three-body model of stripping 42B (1972) 167
Bouldin, D.P., L.J.B. Goldfarb, Improvements in the form factors for heavy-ion transfer reactions 47B (1973) 203
Boulware, D., S. Deser, Necessity of field dependence for interacting currents 22B (1966) 99
Boulware, D.G., S. Deser, Inconsistency of finite range gravitation 40B (1972) 227
Bounin, P., see G. Backenstoss 38B (1972) 181
Bouquet, B., D. Benaksas, B. Grossetête, B. Jean-Marie, G. Parrour, J.P. Poux, R. Tchapoutian, Backward scattering of positrons and electrons on protons 26B (1967) 178
Bouquet, B., J. Buon, B. Grelaud, H. Nguyen Ngoc, Pe'troff, R. Riskalla, R. Tchapoutian, Coherent photoproduction of the π^0 meson from deuterium in the first resonance region 41B (1972) 536
Bourke, W.P., see K.H. Bray 21B (1966) 536
Bourotte-Bilwes, B., see E. Caurier 44B (1973) 411
Bourquin, M., J.P. Boymond, P. Extermann, J. Marasco, R. Mermod, P.A. Piroué, H. Suter, P. Basile, S. Brehin, A. Diamant-Berger, P. Kunz, M. Lemoine, R. Turlay, A. Zylbersztejn, Measurement of K_{e4} - decay rates and test of the $\Delta S = \Delta Q$ rule 36B (1971) 615
Bourquin, M., see P. Basile 36B (1971) 619
Bourquin, M., see A. Zylbersztejn 38B (1972) 457
Boursiquot, C., see M.M. Aléonard 49B (1974) 40
Boussy, A., H. Ngo, N. Vinh Mau, Neutron emission in muon capture by ^{40}Ca 44B (1973) 139

Boutang, G., see I.A. Budagov 28B (1968) 215
Boutang, G., see R. Beiliere 30B (1969) 202
Bouten, M., L. Schotsmans, P. Van Leuven, Hartree-Fock type calculation on ^{12}C 22B (1966) 510
Bouten, M., M.C. Bouten, P. Van Leuven, Form factors of ^{6}Li 26B (1967) 191
Bouten, M., M.C. Bouten, H. Depuydt, L. Schotsmans, Even and odd parity in ^{9}Be 27B (1968) 61
Bouten, M., M.C. Bouten, H. Depuydt, L. Schotsmans, Is the ground state rotational band cut off in ^{8}Be? 33B (1970) 457
Bouten, M., M.C. Bouten, H. Depuydt, L. Schotsmans, Projected Hartree-Fock calculations for light nuclei with phenomenological and realistic effective interactions 35B (1971) 464
Bouten, M., see Y. Abgrall 43B (1973) 165
Bouten, M.C., see M. Bouten 26B (1967) 191; 27B (1968) 61; 33B (1970) 457; 35B (1971) 464
Bouthet, C., see J.N. Carney 42B (1972) 124
Bouyssy, A., M. Castaignet, N. Vinh Mau, Muon Capture in ^{40}Ca 25B (1967) 533
Bouyssy, A., N. Vinh Mau, Pairing vibrations in ^{18}O and ^{18}F 35B (1971) 269
Bouyssy, A., N. Vinh Mau, Longitudinal polarization of the emitted neutron in direct muon capture 48B (1974) 162
Bowcock, J.E., N.H. Gangas, Reactions leading to the deuteron singlet state 26B (1967) 349
Bowcock, J.E., P.H. Ng, Evaluation of finite energy sum rules in non-forward directions 31B (1970) 541
Bowen, D., see H.R. Blieden 39B (1972) 668
Bowen, D.R., see J.P. Boright 33B (1970) 615
Bowen, R., see M. Pepin 26B (1967) 35
Bowen, R.A., A.M. Knops, G. Finocchiaro, P. Mittner, J.P. Dufey, B. Gobbi, M.A. Pouchon, A. Muller, Charge conjugation in $\eta \to \pi^+\pi^-\gamma$ 24B (1967) 206
Bowey, E.M., see E.J. Winhold 32B (1970) 607
Bowey, E.M., see B.H. Patrick 34B (1971) 488
Bowler, M.G., see M.J. Esten 24B (1967) 115
Bowler, M.G., $\pi\pi$ systems in the decay of the low mass K$\pi\pi$ enhancement 31B (1970) 318
Bowles, P., see D. Scipione 42B (1972) 489
Bowman, J.D., see S.K. Bhattacherjee 24B (1967) 651
Bowman, J.D., F.C. Zawislak, E.N. Kaufmann, Measurement of the g-factor of the 3^- octopole vibrational state in ^{208}Pb 29B (1969) 226
Bowmann, J.D., see S.K. Bhattacherjee 26B (1967) 583
Boyard, J.L., see M. Roy 29B (1969) 95
Boyard, J.L., see D. Bachelier 44B (1973) 44
Boyarski, A.M., R. Diebold, S.D. Ecklund, G.E. Fischer, Y. Murata, B. Richter, M. Sands, Photoproduction of K^+-hyperon from hydrogen and deuterium at 11 GeV 34B (1971) 547
Boyce, J.F., see D.A. Akyeampong 25B (1967) 336
Boyd, R.N., see S.S. Hanna 40B (1972) 631
Boyd, R.N., see W.P. Alford 46B (1973) 356
Boymond, J.P., see M. Bourquin 36B (1971) 615
Boymond, J.P., see P. Basile 36B (1971) 619
Boymond, J.P., see A. Zylbersztejn 38B (1972) 457
Bozóki, G., E. Fenyves, T. Gémesy, E. Gombosi, S. Krasznovsky, E. Nagy, N.P. Bogachev, Yu. A. Budagov, V.B. Vinogradov, A.G. Volodko, V.P. Dzelepov, V.G. Ivanov, V.S. Kladnitsky, S.V. Klimenko, Yu. F. Lomakin, Yu.P. Merekov, I. Patocka, V.B. Fliagin, P.V. Shlyapnikov, On the 1350 MeV $\Lambda\gamma$ peak produced in π^-p interaction 28B (1968) 360
Bozóki, G., E. Fenyves, E. Gombosi, E. Nagy, G. Surányi, F. Telbisz, G. Vesztergombi, Determination of the K_s decay branching ratio 30B (1969) 498

Bozoki, G., see E.V. Anzon 31B (1970) 237, 241
Bozzo, M., see M. Holder 36B (1971) 400
Bozzo, M., see G. Barbiellini 39B (1972) 294, 663
Bozzo, M., see A. Böhm 49B (1974) 481
Braben, D.W., see D.R. Botterill 45B (1973) 405; 46B (1973) 125
Braben, D.W., see A. Del Guerra 45B (1973) 409
Brabson, A., G. Calvelli, S. Cittolin, P. de Guio, F. Gasparini, S. Limentani, P. Mittner, M. Posocco, L. Ventura, C. Voci, M. Crozon, A. Diaczek, R. Sidwell, J. Tocqueville, Backward π^-p elastic scattering at 3 and 4 GeV/c 42B (1972) 283
Brabson, A., G. Calvelli, S. Cittolin, P. Ge Guio, F. Gasparini, S. Limentani, P. Mittner, M. Posocco, L. Ventura, C. Voci, M. Crozon, A. Diaczek, R. Sidwell, J. Tocqueville, A measurement of $\bar{p}p \to \pi^+\pi^-$ and $pp \to K^-K^+$ for small values of t and u at 3 and 4 GeV/c 42B (1972) 287
Braccini, P.L., see C. Bemporad 25B (1967) 380; 29B (1969) 383
Braccini, P.L., see M. Borghini 31B (1970) 405; 36B (1971) 493, 497, 501
Braccini, P.L., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Braccini, P.L., see G. Bellettini 45B (1973) 69
Braccini, P.L., see G. Finocchiaro 50B (1974) 396
Brack, M., see H.C. Pauli 34B (1971) 264
Brack, M., see C.M. Ko 45B (1973) 433
Bracken, A.J., D.A. Gray, Inconsistency of the quantization scheme of Kademova and Kraev 37B (1971) 420
Bradamante, F., S. Conetti, G. Fidecaro, M. Fidecaro, M. Giorgi, A. Penzo, L. Piemontese, F. Sauli, P. Schiavon, Pion-deuteron coherent scattering at 895 MeV/c 28B (1968) 191
Bradamante, F., G. Fidecaro, M. Fidecaro, M. Giorgi, P. Palazzi, A. Penzo, L. Piemontese, F. Sauli, P. Schiavon, A. Vascotto, Pion-deuteron coherent scattering at high-energy 31B (1970) 87
Bradamante, F., G. Fidecaro, M. Fidecaro, M. Giorgi, P. Palazzi, A. Penzo, L. Piemontese, F. Sauli, P. Schiavon, A. Vascotto, Elastic scattering of protons on deuterons at high energy 32B (1970) 303
Bradamante, F., S. Conetti, C. Daum, G. Fidecaro, M. Fidecaro, M. Giorgi, G. Kalmus, A. Penzo, L. Piemontese, P. Schiavon, D. Stairs, A. Vascotto, Polarization in $\pi^+p \to K^+\Sigma^+$ backward scattering at 3.5 GeV/c 44B (1973) 202
Bradaschia, C., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Bradaschia, C., see G. Belletini 45B (1973) 69
Bradaschia, C., see G. Finocchiaro 50B (1974) 396
Bradley, R.H., see R.P. Wieckowicz 28B (1968) 199
Brady, F.P., see D.J. Margaziotis 37B (1971) 263
Brady, T., Trinucleon binding energies calculated with rank six separable potentials 32B (1970) 85
Brady, T.J., I.H. Sloan, Padé approximants and nucleon-deuteron scattering 40B (1972) 55
Brady, T.J., N-d backward scattering and virtual states of the trinucleon 45B (1973) 4
Braga-Marcazzan, M.G., see L. Milazzo-Colli 36B (1971) 447
Bragain, V.N., see A.I. Baz 39B (1972) 599
Braginsky, V.B., L.S. Kornienko, S.S. Poloskov, The search for quarks in ferromagnetics using an electrometer with the beams suspension method 33B (1970) 613
Brahmavar, S.M., see A.V. Ramayya 24B (1967) 49
Braithwaite, W.J., see P. Von Brentano 26B (1967) 448
Braithwaite, W.J., J.M. Cameron, J.G. Cramer, C.R. Rudy, W.W. Eidson, A measurement of the isospin purity of the singlet deuteron 38B (1972) 67
Braithwaite, W.J., see J.R. Comfort 40B (1972) 456

Brakhman, E., see A. Babaev 38B (1972) 342
Brakhman, E.V., see V.D. Antopolsky 28B (1968) 220, 223
Braley, R.C., M.A. Nagarajan, M.W. Gilpatrick, R.W. Finlay, On the reaction $C^{12}(n,n',\gamma)C^{12}$ 26B (1967) 248
Bramón, A., E. Etim, M. Greco, Hadronic contributions to the muon anomalous magnetic moment 39B (1972) 514
Bramón, A., E. Etim, M. Greco, A vector meson dominance approach to scale invariance 41B (1972) 609
Bramón, A., Pseudoscalar meson decays into lepton pairs and the Lee-Wick theory 42B (1972) 99
Bramón, A., Y. Srivastava, ρ-ω interference in kaonic reactions 47B (1973) 265
Bramón, A., M. Greco, Quark model predictions for radiative decays of mesons 48B (1974) 137
Bradenburg, G.W., see H.J. Mück 39B (1972) 303
Brandenburg, G.W., W.B. Johnson, D.W.G.S. Leith, J.S. Loos, J.A.J. Matthews, F.C. Winkelmann, R.J. Yamartino, Near 90° scattering in the channels $\bar{K}^0_L p \to \pi^+ \Lambda^0$, $\bar{K}^0 p \to \pi^+ \Sigma^0$ and $K^0_L p \to K^0_S p$ from 1.0 to 7.5 GeV/c 44B (1973) 310
Brandenburg, R.A., Y.E. Kim, A. Tubis, Trinucleon properties from a complete solution of the Faddeev equations with the Reid soft-core potential 49B (1974) 205
Brandolini, F., C. Signorini, The lifetime of the first $\frac{7}{2}^-$ state in ^{33}S 30B (1969) 342
Brandolini, F., see G.B. Vingiani 40B (1972) 638
Brandolini, F., C. Rossi Alvarez, G.B. Vingiani, M. De Poli, Magnetic moments of the 3^- level at 29.5 keV in ^{40}K 49B (1974) 261
Brandstetter, A., see Y. Eisenberg 22B (1966) 217, 223
Brandt, A., see H.J. Mück 39B (1972) 303
Brandt, R., see H.J. Becker 50B (1974) 445
Brandt, R.A., Universal light cone commutator 33B (1970) 312
Brandt, R.A., C.A. Orzalesi, A mechanism for the origin of Regge asymptotic behavior in quantum field theory 34B (1971) 641
Brandt, R.A., P. Vinciarelli, M. Breidenbach, Regge behavior of electroproduction structure functions 40B (1972) 495
Brandt, R.A., W.C. Ng, Operator approach to semi-hadronic inclusive reactions 45B (1973) 145
Brandt, S., V.T. Cocconi, O. Czyzewski, P.F. Dalpiaz, H. Hromadnik, G. Kellner, D.R.O. Morrison, K. Juszczak, J. Łoskiewicz, P. Malecki, M. Bardadin-Otwinowska, T. Hofmokl, S. Otwinowski, H. Piotrowska, R. Sosnowski, M. Szeptycka, A. Wróblewski, The production of strange particle in 8 GeV/c π^+ proton interactions 22B (1966) 109
Brandt, S., V.T. Cocconi, O. Czyzewski, P.F. Dalpiaz, H. Hromadnik, G. Kellner, D.R.O. Morrison, J. Bartke, A. Eskreys, J. Łoskiewicz, W. Zieliński, M. Bardadin-Otwinowska, T. Hofmokl, S. Otwinowski, H. Piotrowska, R. Sosnowski, M. Szeptycka, A. Wróblewski, Production of strange particles in 8 GeV/c π^+-proton interactions 22B (1966) 230
Brandt, S., see F. Crijns 22B (1966) 533
Brandt, S., Energy dependence of partial cross sections for multipion photon production 32B (1970) 388
Brandt, S., see J.V. Beaupré 34B (1971) 160; 37B (1971) 432
Brandt, S., see K. Boesebeck 34B (1971) 659
Branford, D., N. Gardner, I.F. Wright, Evidence for negative parity rotational bands in ^{24}Mg 36B (1971) 456
Brankin, C., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Branson, D., S. Nussinov, S.B. Treiman, W.I. Weisberger, Contributions of Regge cuts to forward nucleon-nucleon scattering 25B (1967) 141
Branson, D., see E.L. Berger 45B (1973) 57
Brasse, F.W., see W. Albrecht 28B (1968) 225
Brauel, P., F.-W. Büsser, Th. Canzler, D. Cords, W.R. Dix, R. Felst, G. Grindhammer, E.-D. Kollmann, H. Krehbiel, J. Meyer, G. Weber, π^+-Electroproduction on hydrogen near threshold at four-momentum transfers of 0.2, 0.4 and 0.6 GeV^2 45B (1973) 389

Brauel, P., F.-W. Büsser, Th. Canzler, D. Cords, W.R. Dix, R. Felst, G. Grindhammer, W.-D. Kollmann, H. Krehbiel, J. Meyer, G. Weber, π^0 electroproduction on hydrogen near threshold at four-momentum transfers of 0.2, 0.4 and 0.6 GeV^2 50B (1974) 507
Bräuer, N., B. Focke, B. Lehmann, E. Matthias, D. Riegel, In-beam nuclear magnetic resonance of the 159 μs level in ^{115}Sn 34B (1971) 54
Bräuer, N., B. Focke, B. Lehmann, E. Matthias, K. Nishiyama, D. Riegel, Time-differential observation of NMR by perturbed angular correlation 37B (1971) 186
Bräuer, N., see D. Riegel 44B (1973) 456; 46B (1973) 170
Braun, H., M. Cornelssen, H.-U. Martyn, O. Erriquez, S. Natali, F. Romano, D. Bertrand, M. Csejthey-Barth, J. Lemonne, P. Renton, P. Vilain, D.C. Cundy, T.I. Pedersen, D. Waldren, An experimental study of the $K^+ \to \pi^0\mu^+\nu$ decay Dalitz plot 47B (1973) 182
Braun, H., M. Cornelssen, H.-U. Martyn, O. Erriquez, S. Natali, F. Romano, D. Bertrand, M. Csejthey-Barth, J. Lemonne, P. Renton, P. Vilain, D.C. Cundy, T.I. Pedersen, D. Waldren, An experimental study of the form factor in the decay $K^+ \to \pi^0 e^+\nu$ 47B (1973) 185
Braun, O., see H.G. Hilpert 27B (1968) 474
Braun-Munzinger, P., see K.D. Hildenbrand 42B (1972) 425
Braun-Munzinger, P., see C.K. Gelbke 43B (1973) 284
Braunschweig, D., T. Tamura, T. Udagawa, Analysis of ^{24}Mg(d, p)^{25}Mg($\frac{7}{2}^+$, 1.16$_1$ MeV) transition in terms of the non-adiabatic coupled-channel Born approximation 35B (1971) 273
Braunschweig, M., D. Husmann, K. Lübelsmeyer, D. Schmitz, Single photoproduction of neutral π-mesons on hydrogen at small angles between 1.3 and 3 GeV 22B (1966) 705
Braunschweig, M., W. Braunschweig, D. Husmann, K. Lübelsmeyer, D. Schmitz, Single photoproduction of neutral π-mesons on hydrogen at small angles between 4 and 5.8 GeV 26B (1967) 405
Braunschweig, W., see M. Braunschweig 26B (1967) 405
Braunschweig, W., W. Erlewein, H. Frese, K. Lüblesmeyer, H. Meyer-Wachsmuth, D. Schmitz, A. Schultz von Dratzig, G. Wessels, Single photoproduction of η-mesons on hydrogen in the forward direction at 4 and 6 GeV 33B (1970) 236
Braunschweig, W., see H. Bienlein 46B (1973) 131
Braunsfurth, J., see H. Schmidt 24B (1967) 457
Braunstein, T.J., see W.T. Toner 36B (1971) 251
Brautti, G., see P. Astbury 22B (1966) 537; 23B (1966) 160, 396
Brautti, G., see W. Beusch 25B (1967) 357
Brautti, G., see M. Pepin 26B (1967) 35
Bray, K.H., J. Nurzyński, W.P. Bourke, Some anomalies in the reaction ^{16}O(^{3}He,α_0)^{15}O 21B (1966) 536
Bray, K.H., S.N. Bunker, M. Jain, K.S. Jayaraman, C.A. Miller, J.M. Nelson, W.T.H. Van Oers, D.O. Wells, J. Janiszewski, I.E. McCarthy, A study of the ^{40}Ca(p, 2p)^{39}K reaction at 45.0 MeV 35B (1971) 41
Bredin, D.J., O. Hansen, G. Lenz, G.M. Temmer, Isobaric analogue states of doubly magic ^{208}Pd 21B (1966) 677
Brehin, S., see M. Bourquin 36B (1971) 615
Brehin, S., see P. Basile 36B (1971) 619
Brehm, J.J., Chiral symmetry breaking and low energy $\pi\pi$ scattering 35B (1971) 592
Breidenbach, M., G. Charpk, G. Coignet, D. Drijard, G. Fischer, G. Flügge, Ch. Gottfried, H. Grote, A. Minten, F. Sauli, M. Szeptycka, E.G.H. Williams, Angular distributions of charged particles between 30° and 90° produced in pp collisions at ISR energies 39B (1972) 654
Breidenbach, M., see R.A. Brandt 40B (1972) 495
Breidenbach, M., J. Kuti, Some observations on the inelastic electron-nucleon scattering data 41B (1972) 345

Breivik, F.O., see H. Bøggild 30B (1969) 369
Brentano, P.v., B. Gyarmati, J. Zimányi, Prediction of a new type of threshold effects 46B (1973) 177
Breskman, D., A. Kanofsky, Chemical shifts of the μ^+ 33B (1970) 309
Bressani, T., see J. Favier 25B (1967) 409; 31B (1970) 609
Bressani, T., A. Molinari, Isovector potential in ^{208}Pb from partial moun capture 36B (1971) 297
Brewer, J.H., see R.L. McCarthy 42B (1972) 291
Briançon, C., M. Valadares, R. Walen, Mise en évidence d'excitations multiples des couches électroniques profondes dans le spectre de conversion interne de la transition nucléaire isomérique de ^{109}Ag 34B (1971) 599
Briandet, Ph., see A. Bonnet 25B (1967) 152
Briandet, P., see V. Chabaud 38B (1972) 441, 445, 449; 41B (1972) 209
Briandet, P., see A. Eide 41B (1972) 225
Briandet, P., see C. Baglin 47B (1973) 85, 89
Bricman, C., see R. Armenteros 28B (1968) 521
Bricman, C., M. Ferro-Luzzi, J.M. Perreau, J.K. Walker, G. Bizard, Y. Déclais, J. Duchon, J. Séguinot, G. Valladas, Search for structures in the $\bar{p}p \to \bar{n}n$ cross section between 1 and 3 GeV/c 29B (1969) 451
Bricman, C., M. Ferro-Luzzi, J.-M. Perreau, G. Bizard, Y. Déclais, J. Duchon, J. Séguinot, Measurement of the $K^- p \to \bar{K}^0 n$ cross section from 1 to 3 GeV/c 31B (1970) 148
Bricman, C., M. Ferro-Luzzi, J.-M. Perreau, G. Bizard, Y. Déclais, J. Duchon, J. Séguinot, G. Valladas, Formation of $S = -1$ hyperon resonances with masses between 1.8 and 2.6 GeV 31B (1970) 152
Bricman, C., see G. Bizard 31B (1970) 481
Bricman, C., see M. Roos 33B (1970) 1
Bicman, C., M. Ferro-Luzzi, J.P. Lagnaux, $\bar{K}N$ elastic amplitudes between 1 and 1.3 GeV/c 33B (1970) 511
Bricman, C., see P. Söding 39B (1972) 1
Bricman, C., see P. Baillon 50B (1974) 377, 383, 387
Bridgewater, A., see C. Baltay 42B (1972) 129
Brinckmann, H.F., D.D. Clark, N.J.S. Hansen, J. Pedersen, An isomeric two-particle state in ^{236}U 43B (1973) 386
Brini-Penzo, M., see T. Eichten 40B (1972) 593
Brink, D.M., A. Weiguny, The generator-coordinate method and the random phase approximation 26B (1967) 497
Brink, D.M., see D. Vautherin 32B (1970) 149; 33B (1970) 381
Brink, D.M., H. Friedrich, A. Weiguny, C.W. Wong, Investigation of the alpha-particle model for light nuclei 33B (1970) 143
Brink, D.M., see Nguyen van Giai 35B (1971) 135
Brink, D.M., Kinematical effects in heavy-ion reactions 40B (1972) 37
Brink, D.M., see B. Atalay 46B (1973) 145
Brink, L., W.N. Cottingham, S. Nussinov, Some consequences of resonance production according to the scaling hypothesis 37B (1971) 192
Brink, L., H.B. Nielsen, A physical interpretation of the Jacobi imaginary transformation and the critical dimension in dual models 43B (1973) 319
Brink, L., H.B. Nielsen, A simple physical interpretation of the critical dimension of space-time in dual models 45B (1973) 332
Brink, L., D. Olive, C. Rebbi, J. Scherk, The missing gauge conditions for the dual fermion emission vertex and their consequences 45B (1973) 379
Brissaud, I., see D. Bachelier 21B (1966) 697

Brissaud, I., see M. Bernas 25B (1967) 260, 474
Brissaud, I., see M. Roy 29B (1969) 95
Brissaud, I., M.K. Brussel, M. Sowinski, B. Tatischeff, Elastic scattering of 166 MeV alpha particles on D, C, Si, Sn and Pb 30B (1969) 324
Brissaud, I., L. Bimbot, Y. Le Bornec, B. Tatischeff, N. Willis, Analysis of 1 GeV proton inelastic scattering on ^{12}C, ^{58}Ni and ^{208}Pb 48B (1974) 319
Brissaud, I., see Y. Le Bornec 49B (1974) 434
Brissaud, I., see L. Bimbot 49B (1974) 443
Brisson, V., see L. Behr 22B (1966) 540
Brisson, V., see T. Eichten 27B (1968) 586; 40B (1972) 593; 46B (1973) 274, 281
Brisson, V., see D. Haidt 29B (1969) 691, 696
Brisson, V., see H.J. Steiner 36B (1971) 521
Brisson, V., see F.J. Hasert 46B (1973) 121, 138
Britt, H.C., see D.L. Allan 27B (1968) 11
Britt, H.C., see S.C. Burnett 31B (1970) 523
Britt, H.C., see B.B. Back 46B (1973) 183
Brix, P., see G.A. Beer 26B (1967) 506
Broadhurst, D.J., N. Dombey, B.J. Read, Low energy theorems and high energy photoproduction 34B (1971) 95
Brochard, F., see R. Bertini 45B (1973) 119
Brodsky, M.B., see G.M. Kalvius 29B (1969) 489
Brodsky, S.J., see J.F. Gunion 39B (1972) 649
Brodsky, S.J., R. Roskies, Quantum electrodynamics and renormalization theory in the infinite momentum frame 41B (1972) 517
Brodsky, S.J., see R. Blankenbecler 42B (1972) 461
Brody, A.D., R.J. Cashmore, A. Kernan, D.W.G.S. Leith, B.G. Levi, B.C. Shen, D.J. Herndon, L.R. Price, A.H. Rosenfeld, P. Soding, the reaction $\pi^- p \to \pi^+ \Delta^-$ at CMS energies 1640–1760 MeV 34B (1971) 665
Broglia, R., see K. Kubo 32B (1970) 29
Broglia, R.A., B. Sørensen, T. Udagawa, Static quadrupole moments of projected deformed states 26B (1967) 250
Broglia, R.A., S. Landowne, V. Paar, B. Nilsson, D.R. Bès, E.E. Flynn, Coupling between inelastic and pair transfer degrees of freedom. The ^{208}Pb (t, p) $^{210}Pb(3^-)$ reaction analyzed in the coupled channel Born approximation 36B (1971) 541
Broglia, R.A., V. Paar, D.R. Bes, Diagramatic perturbation treatment of the effective interaction between two-phonon states in closed shell nuclei: the $J^\pi = 0^+$ states in ^{208}Pb 37B (1971) 159
Broglia, R.A., V. Paar, D.R. Bas, Effective interaction between the $J^\pi = 2^+$ two-phonons states in ^{208}Pb. Evidence for the existence of the isovector quadrupole mode 37B (1971) 257
Broglia, R.A., K. Kolltveit, B. Nilsson, Effective wave function calculation of the $J^\pi = 0^+$ states of the Ca-isotopes through the (t, p) and (p, t) reactions 37B (1971) 441
Broglia, R.A., P.D. Kunz, B. Nilsson, Second order pairing phase transition in the Sn-isotopes: competition between pairing and shell effects 38B (1972) 383
Broglia, R.A., R. Liotta, V. Paar, Quadrupole moments of the 2_1^+ state of proton-closed-shell nuclei 38B (1972) 480
Broglia, R.A., S. Landowne, A. Winther, Semi-classical description of elastic and inelastic heavy-ion scattering above the Coulomb barrier 40B (1972) 293
Broglia, R.A., see R.F. Casten 40B (1972) 333
Broglia, R.A., see D.R. Bès 40B (1972) 338

Broglia, R.A., see E.R. Flynn 41B (1972) 397
Broglia, R.A., see S. Landowne 43B (1973) 160; 44B (1973) 425
Broglia, R.A., U. Götz, M. Ichimura, T. Kammuri, A. Winther, On the reaction mechanism of two-nucleon transfer between heavy ions 45B (1973) 23
Broglia, R.A., see B. Nilsson 47B (1973) 189
Broglia, R.A., D.R. Bes, B.S. Nilsson, Strength of the multipole pairing coupling constant 50B (1974) 213
Broglia, R.A., A. Molinari, G. Pollarolo, T. Regge, On the back-bending in the rotational motion 50B (1974) 295
Bromberg, C., see S.L. Stone 32B (1970) 515
Bromberg, C., see J. Anderson 45B (1973) 521
Bromberg, C.M., see J.W. Chapman 47B (1973) 465
Bromley, D.A., see R.A. Lindgren 32B (1970) 103
Bronzan, J.B., see H.D.I. Abarbanel 48B (1974) 345
Bronzan, J.B., G.L. Kane, U.P. Sukhatme, Obtaining real parts of scattering amplitudes directly from cross section data using derivative analyticity relations 49B (1974) 272
Brooker, P., see S.P. De Alwis 29B (1969) 362
Brookes, G.R., see H.C. Kirkman 32B (1970) 519
Brookes, G.R., see T.A. Armstrong 34B (1971) 535
Brooks, J.R., see M.G. Albrow 40B (1972) 136; 42B (1972) 279; 44B (1973) 207, 518
Broome, T.A., see P.C. Barber 32B (1970) 214
Broude, C., see F. Ingebretsen 31B (1970) 297
Broude, C., P. Engelstein, M. Popp, P.N. Tandon, Dependence of the Doppler shift lifetime method of slowing environment 39B (1972) 185
Brout, R., H. Stern, Gell-Mann Okubo mass formular current algebra and PCAC 25B (1967) 292
Brout, R., F. Englert, Asymptotic form factors and scattering amplitudes 27B (1968) 647
Brout, R., F. Englert, C. Truffin, Chiral symmetry and linear trajectories 29B (1969) 590
Brout, R., see F. Englert 29B (1969) 686; 49B (1974) 77
Brower, R.C., see J.S. Danburg 30B (1969) 270
Brower, R.C., A chiral invariant dual model 34B (1971) 143
Brower, R.C., Pomeron f^0 proportionality in inclusive reactions 37B (1971) 121
Brower, R.C., J.H. Weis, Decoupling of the Pomeranchon Regge trajectory 41B (1972) 631
Brower, R.C., J. Ellis, R.N. Cahn, Applications of Mueller theory to two-particle inclusive processes 44B (1973) 81
Brower, R.C., A.H. Mueller, A. Sen, J.H. Weis, Constraints on pomeron couplings from multiple diffractive dissociation 46B (1973) 105
Brown, B.C., see V.A. Ashford 38B (1972) 47
Brown, C.N., E.H. Thorndike, Evidence of a higher symmetry in nucleon-nucleon scattering 22B (1966) 236
Brown, G., see A. Denning 26B (1967) 437; 27B (1968) 159
Brown, G., see R.N. Glover 27B (1968) 434
Brown, G.E., see T.T.S. Kuo 31B (1970) 93
Brown, G.E., see D.O. Riska 32B (1970) 662; 38B (1972) 193
Brown, G.E., J.W. Durso, Soft pioneering determination of the intermediate range nucleon-nucleon interactions 35B (1971) 120
Brown, G.E., see E. Hadjimichael 39B (1972) 594
Brown, G.E., see T.F. O'Dwyer 41B (1972) 259
Brown G.E., see S. Barshay 43B (1973) 359
Brown, G.E., see C.M. Ko 45B (1973) 433
Brown, G.E., see W.T. Weng 46B (1973) 329

Brown, G.E., see S. Barshay 47B (1973) 107
Brown, G.E., see W. Weise 48B (1974) 297
Brown, L., see W. Trächslin 25B (1967) 585
Brown, L.S., see N.F. Bali 33B (1970) 175
Brown, L.S., A.M. Harun-ar-Rashid, The effect of neutron polarizability in neutron-electron scattering 42B (1972) 111
Brown, R.A., see K.I. Roulston 24B (1967) 93
Brown, R.C.A., see J. Bailey 28B (1968) 287
Brown, R.M., see D.R. Botterill 31B (1970) 325
Brown, R.M., see K.H. Althoff 37B (1971) 531, 535; 43B (1973) 237
Brown, R.M., R.W. Downing, L.E. Holloway, B. Huld, M. Jordan, U. Koetz, U.E. Kruse, D.W. Mortara, L.J. Nodulman, V.J. Simaitis, J.J. Wray, D.R. Zander, S. Bernstein, S. Margulies, D.W. McLeod, A new measurement of the $\omega(784)$ width 42B (1972) 117
Brown, R.W., V.K. Cung, K.O. Mikaelian, E.A. Paschos, Electromagnetic background in the search for neutral weak currents via $e^+e^- \rightarrow \mu^+\mu^-$ 43B (1973) 403
Brown, S.G., Neutrino-nucleon scattering and the dimension of the symmetry-breaking Hamiltonian 39B (1972) 399
Brown, V.R., Theory of proton-proton bremsstrahlung consistent with experiment 25B (1967) 506
Brown, V.R., Neutron-proton bremsstrahlung calculated with potentials; agreement with experiment 32B (1970) 259
Brown, W.K., see C.J. Christensen 26B (1967) 11
Browne, C.P., W.D. Callender, J.R. Erskine, Interference between the 16.62 and 16.92 MeV levels in ^{8}Be 23B (1966) 371
Browne, J.C., G.A. Keyworth, D.P. Lindstrom, J.D. Moses, H.W. Newson, E.G. Bilpuch, P. Wilhjelm, The fine structure of isobaric analogue resonances in ^{43}Sc and ^{45}Sc 28B (1968) 26
Bruandet, J.F., N. Longequeue, J.P. Longequeue, B. Vignon, Spectroscopie du ^{48}Cr obtenue par réaction ^{50}Cr(p, t)^{48}Cr 37B (1971) 58
Brucker, E.B., see B.G. Reynolds 24B (1967) 311
Brückmann, H., W. Kluge, L. Schänzler, Experimental investigation of the final-state interaction in the reaction H(d, 2p)n at 50 MeV 24B (1967) 649
Brückmann, H., D. Finken, L. Friedrich, New charge exchange reactions for production of polarized positive hydrogen ions 29B (1969) 223
Brückmann, H., W. Kluge, H. Matthäy, L. Schänzler, K. Wick, Proton-proton final-state interaction in the three-nucleon reaction p+d →p+p+n 30B (1969) 460
Brueckner, K.A., M.J. Giannoni, R.J. Lombard, Statistical estimate of the breathing mode energy 31B (1970) 97
Bruge, C., J.C. Faivre, H. Faraggi, G. Vallois, A. Bussière, P. Roussel, Excitations quadrupolaires et octupolaires des noyaux pairs-pairs sphériques au voisinage des couches fermées 22B (1966) 654
Bruge, G., J.C. Faivre, H. Faraggi, G. Vallois, A. Bussière, P. Roussel, Excitation du deuxième ordre dans la diffusion inélastique des particules α 22B (1966) 640
Bruge, G., see R. Bertini 45B (1973) 119
Bruinsma, J., R. van Wageningen, Calculations of the triton binding energy for Reid's soft-core nucleon-nucleon interaction 44B (1973) 221
Brüllmann, M., H. Jung, D. Meier, P. Marmier, Deuteron break-up by 14.1 MeV neutrons 25B (1967) 269
Bruneau, A.M., see N. Vinh Mau 29B (1969) 408
Bruneton, C., see P. Bonamy 23B (1966) 501

Bruneton, C., J. Bystricky, G. Cozzika, J. Deregel, A. Derevschikov, Y. Ducros, A. Gaidot, Yu. Kazarinov, M. Kazarinov, V. Kanavets, B. Khatchaturov, F. Lehar, A. de Lesquen, Yu. Matulenko, J.P. Merlo, A. Mecshanin, S. Miyazhita, J. Movchet, S. Nurushev, J. Pierrard, I. Potashnikova, G. Proskurin, L. Van Rossum, A. Saraykin, V. Siksin, E. Smirnov, V. Solovyanov, Measurement of the polarization parameter in π^-p elastic scattering at 40 GeV/c 44B (1973) 471
Brüning, R., F.W. Büsser, F. Niebergall, J. Christiansen, The polarization of the neutrons from the ^{15}N(d, n)^{16}O reaction 21B (1966) 435
Brunini, P.L., see V. Alles-Borelli 36B (1971) 149; 40B (1972) 433
Brunini, P.L., see M. Bernardini 44B (1973) 393; 45B (1973) 169, 510; 46B (1973) 261
Brunnader, H., see S.W. Cosper 25B (1967) 324
Bruno, D.R.O., A. Pignotti, P. Ripa, G. Zgrablich, Factorization of total and inclusive cross sections on nuclear targets 43B (1973) 304
Brunt, D.C., M.J. Clayton, B.A. Westwood, The final state pd$\pi^+\pi^-$ in pd interactions at about 2 GeV/c 26B (1967) 317
Brussaard, P.J., see K. Heyde 43B (1973) 1
Brussel, M.K., see I. Brissaud 30B (1969) 324
Bruun Jørgensen, P., see C. Gaarde 22B (1966) 466
Bruynesteyn, W., see G.B. Vingiani 26B (1967) 285
Bryan, R., see L. Binstock 48B (1974) 77
Bryan, R.A., see R.A. Arndt 21B (1966) 314
Bryant, H.C., see W.T. Toner 36B (1971) 251
Bryman, D., see D. Smith 46B (1973) 157
Bubelev, E.G., B Chadraa, I.V. Chuvilo, Kim Hi In, G.I. Kopylov, A.A. Kuznetsov, N.N. Melnikova, G.L. Rezvaya, V. Boldea, S. Felea, A. Mihul, D. Mumuianu, T. Ponta, K. Myklebost, Observation of the $\Lambda\eta^0$ resonance in π^-p interactions at 4.0 GeV/c 24B (1967) 246
Buccella, F., M. Lusignoli, G. Violini, KN dispersion relations and symmetry groups 21B (1966) 572
Buccella, F., see G. Altarelli 24B (1967) 57
Buccella, F., M. Colocci, High-energy photoproduction of vector mesons and Regge poles 24B (1967) 61
Buchanan, C.D., C.Y. Chien, B. Cox, E. Dally, D.J. Drickey, L. Ettlinger, P. Innocenti, F.D. Rudnick, E. Seppi, P.F. Shepard, D.H. Stork, H.K. Ticho, R.A. Zdanis, D. Berk, A. Grigorian, L. Resvanis, Experimental evidence against a non-strongly interacting *CP*-even K_L^0 component 32B (1970) 396
Buchanan, C.D., D.J. Drickey, F.D. Rudnick, P.F. Shepard, D.R. Stork, H.K. Ticho, C.-Y. Chien, B. Cox, L. Ettlinger, L. Resvanis, R.A. Zdanis, E. Dally, E. Seppi, P. Innocenti, A study of the decay mode $K_L^0 \to \pi^+\pi^-\pi^0$ 33B (1970) 623
Buchanan, C.D., see C.-Y. Chien 33B (1970) 627; 35B (1971) 261
Buchanan, C.D., D.J. Drickey, F.D. Rudnick, P.F. Shepard, D.H. Stork, H.K. Ticho, C.-Y. Chien, B. Cox, L. Ettlinger, L. Resvanis, R.A. Zdanis, E. Dally, E. Seppi, P. Innocenti, Coherent regeneration in hydrogen from 3 to 10 GeV/c 37B (1971) 213
Buchanan, C.D., see E. Dally 41B (1972) 647
Buchl, R.A., B.P. Nigam, The process $\gamma\gamma \to X$ by parton model and prediction of equivalent-photon method for ee → ee + X 46B (1973) 237
Buchner, K., see Y. Goldschmidt-Clermont 27B (1968) 602
Buckwalter, G.L., see D.F. Ryan 21B (1966) 475
Buckwalter, G.L., C.L. Cowan, D.F. Ryan, Confirmatory evidence for a sidereal-time dependent neutral component in the cosmic rays 21B (1966) 478
Bucurescu, D., see J.A.J. Hermans 50B (1974) 337

Budagov, I., D.C. Cundy, C. Franzinetti, W.B. Fretter, H.W.K. Hopkins, C. Manfredotti, G. Myatt, F.A. Nezrick, M. Nikolić, T.B. Novey, R.B. Palmer, J.B.M. Pattison, D.H. Perkins, C.A. Ramm, B. Roe, R. Stump, W. Venus, H.W. Wachsmuth, H. Yoshiki, Single pion production by neutrinos on free protons 29B (1969) 524
Budagov, I., D.C. Cundy, C. Franzinetti, W.B. Fretter, H.W.K. Hopkins, C. Manfredotti, G. Myatt, F.A. Nezrick, M. Nikolic, T.B. Novey, R.B. Palmer, J.B.M. Pattison, D.H. Perkins, C.A. Ramm, B. Roe, R. Stump, W. Venus, H.W. Wachsmuth, H. Yoshiki, Measurement of structure factors in inelastic neutrino scattering 30B (1969) 364
Budagov, I.A., see R. Arnold 28B (1968) 56
Budagov, I.A., D.C. Cundy, G. Myatt, F.A. Nezrick, G.H. Trilling, W. Venus, H. Yoshiki, B. Aubert, P. Heusse, I. Le Dong, J.P. Lowys, D. Morellet, E. Nagy, C. Pascaud, L. Behy, P. Beillière, G. Boutang, M. Shiff, J. Van der Velde, A measurement of the branching ratio of the *CP* violating decay mode $K_L^0 \to 2\pi^0$ 28B (1968) 215
Budagov, I.A., see K.J. Peach 35B (1971) 351
Budagov, Yu.A., see G. Bozóki 28B (1968) 360
Budick, B., J. Snir, Hyperfine structure anomaly of the stable ytterbium isotopes 24B (1967) 276
Budick, B., J.R. Toraskar, I. Yaghoobia, Muonic X-rays from liquid hydrogen 34B (1971) 539
Budker, G.I., see V.L. Auslander 25B (1967) 433
Budker, G.I., see V.E. Balakin 34B (1971) 99, 328; 37B (1971) 435; 41B (1972) 205
Budnev, V.M., I.F. Ginzburg, Hadron production by high energy electron colliding beams 37B (1971) 320
Budnev, V.M., I.F. Ginzburg, G.V. Meledin, V.G. Serbo, The possibility of applying the process $pp \to pp e^+e^-$ for calibration of cross-sections in colliding pp beams 39B (1972) 526
Budnik, A.P., N.S. Rabotnov, On a correlation between the properties of low lying collective levels and fission process observables in even nuclei 39B (1972) 311
Budnik, A.P., N.S. Rabotnov, On the possibility to detect the spatial parity violation in nuclear fission through the two-hump barrier 46B (1973) 155
Budnitz, R.J., see R.L. McCarthy 42B (1972) 291
Budny, R., A parton model of Weinberg's theory of weak and electromagnetic interactions 39B (1972) 553
Budyny, R., Effects of neutral weak currents in annihilation 45B (1973) 340
Bud ny, R., A. McDonald, W^0 effects in inclusive e^+e^- annihilation 48B (1974) 423
Budzanowski, A., A. Dudek, K. Grotowski, A. Strzałkowski, Real part of the alpha-nucleus potential obtained by the double folding procedure 32B (1970) 431
Budzanowski, A., K. Grotowski, A. Kobos, A. Strzałkowski, A microscopic model of inelastic deuteron scattering from ^{39}K nuclei 44B (1973) 249
Buenerd, M., see Y. Terrien 45B (1973) 235
Bugg, D.V., A.A. Carter, J.R. Carter, New values of pion-nucleon scattering lengths and f^2 44B (1973) 278
Bugg, D.V., A.A. Carter, The forward dispersion relation for πN charge exchange 48B (1974) 67
Bugg, D.V., see J. Bailey 50B (1974) 403
Bugg, W.M., see H.O. Cohn 21B (1966) 347; 26B (1967) 598; 27B (1968) 527
Bugg, W.M., see A.M. Cnops 29B (1969) 45
Bugg, W.M., G.T. Condo, N.E. Garrett, J.W. Moulder, H.O. Cohn, R.D. McCulloch, Hyperfragment production following slow Σ^- capture in liquid neon 31B (1970) 595
Buhl, W.F., see M. Alston-Garnjost 33B (1970) 607; 34B (1971) 156
Buhl, W.F., G. Gidal, D.F. Grether, W. Ko, M. Alston-Gjarnjost, A. Barbaro-Galtieri, G.R. Lynch, F.T. Solmitz, A determination of the effective B and ρ trajectories from the reaction $\pi^+p \to \omega\Delta^{++}$ 48B (1974) 388

Bujak, A., see G.G. Beznogikh 39B (1972) 411; 43B (1973) 85
Bukin, A.D., see V.E. Balakin 34B (1971) 663; 40B (1972) 431
Bukhvostov, A.P., N.P. Popov, γ-neutrino correlations in allowed nuclear μ-meson capture 24B (1967) 497
Bulgakov, M.I., see Yu. G. Abov 27B (1968) 16
Bulgakov, M.I., G.V. Danilyan, A.D. Gulko, I.L. Karpikhin, P.A. Krupchitsky, V.V. Novitsky, Yu.A. Oratovsky, V.S. Pavlov, E.I. Tarkovsky, S.S. Trostin, Time reversal invariance in slow neutron capture 42B (1972) 351
Bull, V.A., see W. Gajewski 21B (1966) 673; 23B (1966) 152
Bullock, F., see T. Eichten 40B (1972) 593
Bullock, F.W., see K.D. Billing 25B (1967) 435
Bullock, F.W., M.J. Esten, E. Fleming-Tompa, M. Govan, C. Henderson, A.A. Owen, F.R. Stannard, A determination of the branching ratio $(\eta \to 3\pi^0)/(\eta \to \pi^+\pi^-\pi^0)$ 27B (1968) 402
Bullock, F.W., see F.J. Hasert 46B (1973) 121, 138
Bullock, F.W., see T. Eichten 46B (1973) 274, 281
Bulos, F., see P. Baillon 35B (1971) 453
Bulos, F., see B.N. Ratcliff 38B (1972) 345
Bulos, F., see B. Alper 44B (1973) 521, 527; 46B (1973) 265; 47B (1973) 75, 275
Bumazshnov, V.A., P.F. Ermolov, A.S. Fenyuk, E.P. Kistenev, A.M. Moiseev, E.A. Starchencko, E.V. Vlasov, H. Blumenfeld, J. Derre, M.A. Jabiol. A. Leveque, S. Otwinowski, E. Pauli, E.G. Boos, L.A. Sanjko, Nguyen Huu Khanh, J. Quinquard, M. Sene, J. Klugow, Negative pion production in proton-proton interactions at 69 GeV/c 50B (1974) 283
Bumazshnov, V.A., see J. Derre 50B (1974) 287
Bunaciu, T., see G. Backenstoss 33B (1970) 230; 38B (1972) 181; 41B (1972) 552; 43B (1973) 431
Bunaciu, T., see A. Bamberger 33B (1970) 233
Bunakov, V.E., D.A. Gridnev, L.V. Krasnov, DWBA calculations for stripping to resonances 32B (1970) 587
Bunakov, V.E., K.A. Gridnev, L.V. Krasnov, The spectroscopic analysis of stripping into resonances 34B (1971) 27
Bunakov, V.E., see L.K. Peker 36B (1971) 547
Bunakov, V.E., F.A. Gareev, On the use of Sturmian functions in the calculations of stripping form-factors 39B (1972) 424
Bunck, S.M., see C.C. Kim 22B (1966) 314
Buniatov, S., E. Zavattini, Experimental study of the decay modes of the η meson 25B (1967) 560
Buniatov, S., see W. Deinet 30B (1969) 359, 426
Buniatov, S., see D. Schmitt 32B (1970) 638
Bunker, M.E., C.W. Reich, Coriolis coupling among the low-lying positive-parity states in ^{155}Gd 25B (1967) 396
Bunker, S.N., see K.H. Bray 35B (1971) 41
Bunyatov, S.A., see Yu.A. Batusov 22B (1966) 487
Buon, J., V. Gracco, J. Lefrancois, P. Lehmann, B. Merkel, Ph.Roy, Photodisintegration of the deuteron from 140 to 400 MeV 26B (1967) 595
Buon, J., see J.E. Augustin 28B (1968) 503, 508, 513, 517; 31B (1970) 673
Buon, J., see J.C. Bizot 32B (1970) 416
Buon, J., see B. Bouquet 41B (1972) 536
Buran, T., see R.T. Ross 38B (1972) 177
Buras, A.J., J. Dias de Deus, R. Møller, Multiplicity scaling at low energies, a generalized Wroblewski-formula and the leading particle effect 47B (1973) 251
Burban-Lutz, A.M., see F. Romano 36B (1971) 525
Burch, D., P. Russo, H. Swanson, E.G. Adelberger, Lifetime of the first excited state in ^{96}Zr 40B (1972) 357

Burcham, W.E., see J.M. Freeman 27B (1968) 156
Burcham, W.E., see G.J. Clark 35B (1971) 503
Burchem, W.E., see J.S. Ryder 43B (1973) 30
Burde, J., see W.L. Randolph 44B (1973) 36
Burfeindt, H., G. Buschhorn, C. Geweniger, P. Heide, R. Kotthaus, H. Wahl, K. Wegener, Small momentum transfer π^+ production with linearly polarized photons 33B (1970) 509
Burfeindt, H., see G. Vogel 40B (1972) 513
Burfeindt, H., G. Buschhorn, H. Genzel, P. Heide, U. Kötz, K.-H. Mess, P. Schmüser, B. Sonne, G. Vogel, B.H. Wiik, Measurement of inclusive photoproduction at 3.2 GeV and comparison with electroproduction 43B (1973) 345
Burge, E.J., see M. Calderbank 25B (1967) 201
Burgun, G., see F. James 35B (1971) 265
Burke, D.G., J.C. Waddington, J.C. Tippett, The validity of the Nilsson model for proton states in the region $A = 151-155$ 33B (1970) 460
Burke, D.G., G. Løvhøiden, J.C. Waddington, Evidence for shape co-existence in ^{151}Eu 43B (1973) 470
Burkert, V., see Ch. Berger 35B (1971) 87
Burkhardt, E., see R. Armenteros 28B (1968) 521
Burkhardt, H., see E. Abers 21B (1966) 339
Burkhardt, H., K.T. Ng, Exponential fit to high energy π-p scattering at fixed angle 24B (1967) 551
Burleson, G., see S. Berezin 30B (1969) 27
Burleson, G., see B.A. Barnett 34B (1971) 655
Burman, R.L., see M.E. Nordberg Jr. 24B (1967) 594
Burman, R.L., see A. Bahnsen 26B (1967) 585
Burnap, C., J.S. Levinger, B. Siebert, Yamaguchi's deuteron wave function 33B (1970) 337
Burnett, S.C., H.C. Britt, B.H. Erkkila, W.E. Stein, Systematics of plutonium fission isomers 31B (1970) 523
Burnett, T., M.J. Levine, Intermediate vector boson contribution to the muon's anomalous magnetic moment 24B (1967) 467
Burnett, T.H., D.J. Gross, A. Neveu, J. Scherk, J.H. Schwarz, Renormalized self-energy operation in the dual-resonance model 32B (1970) 115
Burton, I.F., see D.M. Binnie 36B (1971) 257, 537; 39B (1972) 275
Buscemi, A., see G.B. Vingiani 40B (1972) 638
Buschbeck-Czapp, B., see J. Bartsch 28B (1968) 439; 33B (1970) 186
Buschhorn, G., see W. Bertram 21B (1966) 471
Buschhorn, G., P. Heide, U. Kötz, R.A. Lewis, P. Schmüser, H.J. Skronn, Forward peak in π^+-photoproduction 25B (1967) 622
Buschhorn, G., see J. Litt 31B (1970) 40
Buschhorn, G., L. Griegee, L. Dubal, G. Franke, C. Geweniger, P. Heide, R. Kotthaus, G. Poelz, U. Timm, K. Wegener, H. Werner, M. Wong, W. Zimmerman, Measurement of proton Compton scattering at 6 GeV and small momentum transfers 33B (1970) 241
Buschhorn, G., see H. Burfeindt 33B (1970) 509; 43B (1973) 345
Buschhorn, G., L. Criegee, G. Franke, P. Heide, R. Kotthaus, G. Poelz, U. Timm, G. Vogel, K. Wegener, H. Werner, W. Zimmermann, Proton Compton scattering between 2.2 and 7 GeV 37B (1971) 207
Buschhorn, G., L. Griegee, G. Franke, P. Heide, R. Kotthaus, G. Poelz, U. Timm, G. Vogel, K. Wegener, H. Werner, W. Zimmermann, Compton scattering of 3.5 GeV polarized photons on protons 37B (1971) 211
Buschhorn, G., see G. Vogel 40B (1972) 513

Bushnin, Yu.B., S.P. Denisov, S.V. Donskov, A.F. Dunaitsev, Yu. P. Gorin, V.A. Kachanov, Yu.S. Khodirev, V.I. Kotov, V.M. Kutyin, A.I. Petrukhin, Yu.D. Prokoshkin, E. A. Razuvaev, R.S. Shuvalov, D.A. Stoyanova, J.V. Allaby, F. Binon, A.N. Diddens, P. Duteil, G. Giacomelli, R. Meunier, J.-P. Peigneux, K. Schlupmann, M. Spighel, C.A. Stahlbrandt, J.-P. Stroot, A.M. Wetherell, Negative particle production at the 70 GeV IHEP accelerator 29B (1969) 48
Bushnin, Yu.B., see J.V. Allaby 30B (1969) 500
Busi, C., see B. Bogdan 41B (1972) 221
Buskirk, F.R., H.-D. Graf, R. Pitthan, H. Theissen, O. Titze, Th. Walcher, Evidence for E2 resonances at high excitation energies in ^{208}Pb 42B (1972) 194
Buskirk, F.R., see R.W. Berard 47B (1973) 355
Busnello, R., see Y.M. Antipov 40B (1972) 147
Büsser, F.W., see R. Brüning 21B (1966) 435
Büsser, F.-W., see W. Bartel 30B (1969) 285; 35B (1971) 181; 39B (1972) 407
Büsser, F.-W., see P. Brauel 45B (1973) 389; 50B (1974) 507
Büsser, F.W., L. Camilleri, L. Di Lella, G. Gladding A. Placci, B.G. Pope, A.M. Smith, Y.K. Yoh, E. Zavattini, B.J. Blumenfeld, L.M. Lederman, R.L. Cool, L. Litt, S.L. Segler, Observation of π^0 mesons with large transverse momentum in high-energy proton-proton collisions 46B (1973) 471
Büsser, F.W., L. Camilleri, L. Di Lella, G. Gladding, A. Placci, B.G. Pope, A.M. Smith, J.K. Yoh, E. Zavattini, B.J. Blumenfled, L.M. Lederman, R.L. Cool, L. Litt, S.L. Segler, A search for large transverse momentum electrons at the CERN ISR 48B (1974) 371
Büsser, F.W., L. Camilleri, L. Di Lella, G. Gladding, A. Placci, B.G. Pope, A.M. Smith, J.K. Yoh, E. Zavattini, B.J. Blumenfeld, L.M. Lederman, R.L. Cool, L. Litt, S.L. Segler, A search for electron pairs at the CERN ISR 48B (1974) 377
Bussian, A.E., Nucleon exchange and the frequency distribution of the Treiman-Yang angle 23B (1966) 591
Bussière, A., see G. Bruge 22B (1966) 640, 654
Bussière, A., see A. Bertin 41B (1972) 201; 42B (1972) 493
Büszer, F.-W., see W. Bartel 33B (1970) 245
Buta, A., J. Lang, S. Micek, R. Müller, J. Unternährer, P. Viatte, Deuteron break-up and proton scattering on ^{58}Ni 50B (1974) 333
Butenschön, H., see H.G. Hilpert 27B (1968) 474
Butera, P., M. Enriotti, F. Duimio, G. Marchesini, Pion fragmentation in peripheral dynamics 41B (1972) 521
Butler, G.W., see A.M. Poskanzer 27B (1968) 414
Butler, P.G., see J.P. Nicholson 27B (1968) 452
Butler, S.T., R.G.L. Hewitt, J.S. Truelove, Analysis of (d, p) reactions 26B (1967) 264
Butler, S.T., R.G.L. Hewitt, J.S. Truelove, A comment on spectroscopic factors 26B (1967) 267
Büttgenbach, S., M. Herschel, G. Meisel, E. Schrödl, W. Witte, Measurement of the nuclear magnetic dipole moments of ^{177}Hf and ^{179}Hf with the atomic beam magnetic resonance method 43B (1973) 479
Butterworth, I., see A. Kernan 41B (1972) 163
Buttle; P.J.A., see T.F. Baker 27B (1968) 348
Büttner, H., see S. Knaak 23B (1966) 711
Butz, T., see G. Eska 36B (1971) 328
Buyak, A., see G.G. Beznogikh 30B (1969) 274
Byer, T., see M. Aderholz 27B (1968) 174
Byers, N., G. Thomas, n-p charge exchange as a polarization analyser or source of high energy polarized beams 25B (1967) 233
Bysheva, G.K., see V.V. Barmin 33B (1970) 377

Bystrický, J., J. Cech, Z. Janout, Yu.M. Kazarinov, F. Lehar, L.B. Parfenov, Double elastic proton scattering on polarized proton target 28B (1968) 572
Bystricky, J., see A. De Lesquen 40B (1972) 277
Bystricky, J., see J. Deregel 43B (1973) 338
Bystricky, J., see C. Bruneton 44B (1973) 471
Byvalin, S.A., see Yu.I. Titov 37B (1971) 422

Cabibbo, N., H. Ruegg, Saturation of chiral U(3) × U(3) algebra 22B (1966) 85
Cabibbo, N., Phase of K_L - K_S regeneration in a simple Regge pole model 22B (1966) 212
Cabibbo, N., L. Horwitz, Y. Ne'eman, The algebra of scalar and vector vertex strengths in Regge residues 22B (1966) 336
Cabibbo, N., L. Maiani, G. Preparata, Finiteness of radiative corrections to $\pi\beta$- decay 25B (1967) 31
Cabibbo, N., L. Maiani, G. Preparata, Radiative corrections to leptonic decays and composite models for strong interactions 25B (1967) 132
Cabibbo, N., L. Maiani, Dynamical interrelation of weak, electromagnetic and strong interactions and the value of θ 28B (1968) 131
Cabibbo, N., see G. Altarelli 35B (1971) 415; 40B (1972) 415; 48B (1974) 435
Cabibbo, N., M. Testa, The algebra of vertex strengths and the light cone 42B (1972) 369
Cable, G.D., R.H. Hildebrand, C.Y. Pang, R. Stiening, A search for the process $K^+ \to \mu^+ + \nu + \bar{\nu} + \nu$ 40B (1972) 699
Caelli, W.J., see J.L. Black 30B (1969) 100
Cage, M.E., see B.W. Allardyce 41B (1972) 577
Cage, M.E., see A.S. Clough 43B (1973) 476
Cahill, R.T., I.H. Sloan, Neutron-deuteron scattering with soft-core 31B (1970) 353
Cahill, R.T., I.H. Sloan, Neutron-deuteron breakup models 33B (1970) 195
Cahill, R.T., see D.J. Margaziotis 37B (1971) 263
Cahill, R.T., see P.C. Tandy 41B (1972) 241
Cahill, R.T., The deuteron dilation effect in n–d break-up 49B (1974) 150
Cahill, T.A., see J.C. Young 37B (1971) 377
Cahlan, R.F., P.H. Frampton, Spontaneous symmetry breakdown and Regge intercept 50B (1974) 475
Cahn, R.N., J.W. Cleyman, E.W. Colglazier, Multiplicities in lepton-hadron processes 43B (1973) 323
Cahn, R.N., see R.C. Brower 44B (1973) 81
Cailliau, M., J. Letessier, H. Flocard, P. Quentin, Self consistent calculations of possible shape transition in neutron deficient mercury isotopes 46B (1973) 11
Calarco, J.R., see S.S. Hanna 40B (1972) 631
Calarco, J.R., see E. Ventura 46B (1973) 364
Calderbank, M., E.J. Burge, D.A. Smith, New energy levels in ^{64}Zn, ^{66}Zn, ^{68}Zn and ^{70}Zn 25B (1967) 201
Caldwell, D.O., see L.W. Jones 21B (1966) 590
Caldwell, D.O., see D.S. Ayres 24B (1967) 483
Caldwell, D.O., see M. Bott-Bodenhausen 40B (1972) 693
Calimani, E., see L. Behr 22B (1966) 540
Calimani, E., see T. Eichten 27B (1968) 586
Calimani, E., see D. Haidt 29B (1969) 691, 696
Callaghan, P.T., N.J. Stone, Nuclear magnetic resonance of ^{124}Sb and long-lived ^{120}Sd oriented in Fe 40B (1972) 84
Callender, W.D., see C.P. Browne 23B (1966) 371
Calmet, J., see R.C. Barrett 47B (1973) 297
Calmet, J., A. Peterman, A new value of the anomalous magnetic moment of the electron 47B (1973) 369
Calogero, F., see D. Atkinson 29B (1969) 423
Calucci, G., R. Jengo, G. Furlan, C. Rebbi, Smoothness near the light-cone and superconvergence 37B (1971) 416
Calvelli, G., see A. Brabson 42B (1972) 283, 287
Cambi, A., see P.G. Bizzeti 30B (1969) 94
Camerini, U., see F.J. Hasert 46B (1973) 138

Cameron, J.M., G.C. Neilson, T.C. Sharma, The isospin non-conserving nucleon decays of $T = \frac{3}{2}$ levels in $A = 21$ nuclei 36B (1971) 35
Cameron, J.M., see W.J. Braithwaite 38B (1972) 67
Camilleri, L., see D.M. Binnie 36B (1971) 257, 537; 39B (1972) 275
Camilleri, L., see F.W. Büsser 46B (1973) 471; 48B (1974) 371, 377
Campbell, J.L., K-shell auto-ionization in the beta decay of ^{210}Bi 31B (1970) 563
Campbell, J.R., see J.V. Beaupré 34B (1971) 160; 41B (1972) 393
Campbell, M., see K.W.D. Ledingham 50B (1974) 247
Campbell, R., see J.V. Beaupré 40B (1972) 510
Campi, X., J. Martorell, D.W.L. Sprung, From factor of ^{4}He in the local density approximation 41B (1972) 443
Campi, X., D.W.L. Sprung, Possible bubble nuclei – ^{36}Ar and ^{200}Hg 46B (1973) 291
Campi, X., see J. Martorell 46B (1973) 296
Campos Venuti, G., see U. Amaldi Jr. 22B (1966) 593
Campos Venuti, G., see U. Amaldi 25B (1967) 24
Canada, T.R., see C. Ellegaard 35B (1971) 145
Caneschi, L., A. Schwimmer, G. Veneziano, Twisted propagator in the operational duality formalism 30B (1969) 351
Caneschi, L., A. Schwimmer, Charge distributions and multiperipheralism 33B (1970) 577
Caneschi, L., Rapid scaling and inclusive sum rules 37B (1971) 288
Caneshi, L., see D. Amati 43B (1973) 186; 50B (1974) 373
Cannata, F., R. Leonardi, M. Rosa Clot, Breakdown of SU_4 invariance and total muon capture rates: ^{4}He, ^{12}C, ^{16}O, ^{40}Ca 32B (1970) 6
Cannata, F., J. Ros, $T = 1$ excitation mechanism in pion induced reactions of ^{12}C 43B (1973) 467
Cannata, F., see J. Bernabeu 45B (1973) 445
Cantrell, W.G., see B.J. Bateman 36B (1971) 144
Canzler, Th., see P. Brauel 45B (1973) 389; 50B (1974) 507
Cao, M.G., E. Migneco, J.P. Theobald, Autocorrelation effects in the neutron induced fission cross section of ^{235}U 27B (1968) 409
Cao, M.G., E. Migneco, J.P. Theobald, Erratum 28B (1968) 37
Capiluppi, P., see A. Bertin 38B (1972) 260; 41B (1972) 201; 42B (1972) 493
Caplan, H.S., see L. Katz 28B (1968) 114
Capon, G., see C. Bacci 38B (1972) 551; 44B (1973) 531, 533
Cappellani, F., see E. Fiorini 25B (1967) 602
Capps, R.H., V.V. Dixit, Implications of duality for $\bar{K}N$ resonances 33B (1970) 596
Capps, R.H., Bound states in the colored-quark model 49B (1974) 178
Capra, F., Remarks on a Veneziano-type formula with logarithmic trajectories 30B (1969) 53
Carazza, B., G. Marchesini, Analysis of the limiting fragmentation hypothesis in inclusive experiments 35B (1971) 436
Carboni, C., see A. Placci 32B (1970) 413
Carboni, G., see J. Bailey 33B (1970) 369
Cardinal, C.U., see K.P. Jackson 33B (1970) 281
Cardy, J.L., A.R. White, Factorisation of total cross-sections at high energy 47B (1973) 445
Caretto Jr., A.A., P.J. Karol, R.L. Klobuchar, D.M. Montgomery, R.A. Williams, M.V. Yester, Cross sections for $(\pi, \pi n)$ reactions on ^{14}N and ^{19}F at the (3/2, 3/2) resonance 44B (1973) 459
Caretto Jr., A.A., see M.V. Yester 45B (1973) 327
Carey Jr., W.M., see D.F. Ryan 21B (1966) 475
Cârjan, N., see D. Bogdan 31B (1970) 280

Carlson, C.E., L.N. Chang, F. Mansouri, J.F. Willemsen, A relativistic quantum dynamical model based on the classical string 49B (1974) 377
Carlson, D.E, A.A. Temperley, Resonance absorption of the 32.2 keV gamma ray of ^{201}Hg 30B (1969) 322
Carlson, L.E., R.E. Azuma, Attenuated Doppler shift lifetime measurements in proton capture reactions 24B (1967) 462
Carlson, L.E., see G.T. Garvey 29B (1969) 108
Carlson, P., see V. Chabaud 38B (1972) 441, 445, 449; 41B (1972) 209
Carlson, P.J., see W.F. Baker 23B (1966) 605; 25B (1967) 361; 28B (1968) 291
Carlson, P.J., see J. Banaigs 24B (1967) 317
Carlson, P.J., P. Fleury, A. Lundby, S. Mukhin, J. Myrheim, Backward ρ^+ production in π^+p reactions at 5.2 GeV/c 33B (1970) 502
Carlson, P.J., see A. Eide 41B (1972) 225
Carlson, P.J., see F.H. Schmidt 45B (1973) 157
Carlson, P.J., Ericson fluctuations in the $\pi^{\pm}$p systems in the energy range 2 to 3.5 GeV 45B (1973) 161
Carlson, P.J., see C. Baglin 47B (1973) 85, 89
Carlson, R.F., see I. Šlaus 23B (1966) 358
Carmony, D.D., see M.A. Abolins 21B (1966) 584
Carmony, D.D., see R.L. Eisner 28B (1968) 356
Carmony, D.D., see D.H. Miller 29B (1969) 255
Carmony, D.D., see A.F. Garfinkel 33B (1970) 536
Carmony, D.D., see A.C. Ammann 34B (1971) 533
Carnegie, R.K., see B.N. Ratcliff 38B (1972) 345
Carnegie, R.K., see P. Baillon 35B (1971) 453; 38B (1972) 555
Carney, J.N., see P.V. Chliapnikov 39B (1972) 279
Carney, J.N., D.C. Colley, M. Jobes, G.T. Jones, J.B. Kinson, K.M. Storr, S.K. Tuli, D.C. Watkins, W. De Baere, E. De Wolf, F. Grard, P. Herquet, P. Peeters, F. Verbeure, R. Windmolders, C. Bouthet, J. Ginestet, D. Manesse, Tran Ha Anh, D. Vignaud, M. Sene, G. Ciapetti, W. Dunwoodie, R.L. Eisner, Y. Goldschmidt-Clermont, A. Grant, V.P. Henri, F. Muller, L. Pape, J. Quinquard, Z. Sekera, N. Yamdagni, A comparison of the production of $K^*(890)$ in K^+p and K^-p interactions 42B (1972) 124
Carrigan Jr., R.A., W.W. Sapp, W.B. Shuler, R.T. Siegel, R.E. Welsh, Direct observation of hyperfine structure in pi mesic X rays 25B (1967) 193
Carrigan Jr., R.A., P.D. Gupta, R.B. Sutton, M.N. Suzuki, A.C. Thompson, R.E. Cote, W.V. Prestwich, A.K. Gaigalas, S. Raboy, The muonic X rays of ^{107}Ag and ^{109}Ag 27B (1968) 622
Carrigan Jr., R.A., see L. Criegee 28B (1968) 282
Carroll, A.S., see R.J. Abrams 45B (1973) 66
Carroll, A.S., T.F. Kycia, K.K. Li, D.N. Michael, P.M. Mockett, D.C. Rahm, R. Rubinstein, Structure in the K^+-nucleon, $I = 0$ total cross section below 1.1 GeV/c 45B (1973) 531
Carroll, J., see W. Bertram 21B (1966) 471
Carroll, L.J., see J.S. Barton 42B (1972) 297
Carroll, L.J., see B. Alper 44B (1973) 521, 527; 46B (1973) 265; 47B (1973) 75, 275
Carroll, R., Y.P. Yao, α^3 contribution to the anomalous magnetic moment of an electron in the mass-operator formalism 48B (1974) 125
Carruthers, P., H.W. Huang, Current algebra description of double pion photoproduction 24B (1967) 464
Carruthers, P., Isospin symmetry, *TCP*, and local field theory 26B (1967) 158
Carruthers, P., M. Duong-Van, New scaling law based on the hydrodynamical model of particle production 41B (1972) 597
Carruthers, P., M. Duong-Van, Universal multiplicity formula 44B (1973) 507

Carstensen, K., see O.C. Allkofer 36B (1971) 425
Cartacci, A., see N. Armenise 25B (1967) 53; 26B (1967) 336
Carter, A.A., see D.V. Bugg 44B (1973) 278; 48B (1974) 67
Carter, E.B., Nuclear structure of oxygen-16 at high excitation energy from $^{12}C(\alpha, \alpha)^{12}C$ 27B (1968) 202
Carter, J.R., see D.V. Bugg 44B (1973) 278
Caser, S., R. Omes, A possible test of matter-antimatter separation 39B (1972) 369
Casher, A., see Y. Aharonov 35B (1971) 512
Casher, A., L. Susskind, A quark model of mesons based on chiral symmetry 44B (1973) 171
Casher, A., S. Nussinov, L. Susskind, New effects in the ISR region 44B (1973) 511
Cashmore, R.J., see M.J. Esten 24B (1967) 115
Cashmore, R.J., see A.D. Brody 34B (1971) 665
Cason, N.M., see I. Derado 24B (1967) 112
Cason, N.M., see N.N. Biswas 27B (1968) 513
Cason, N.M., see B.J. Deery 31B (1970) 82
Cason, N.M., see P.H. Stuntebeck 32B (1970) 391
Cason, N.M., see M. Alston-Garnjost 39B (1972) 402
Cason, N.M., see K. Paler 48B (1974) 151
Cassgnou, Y., see G. Bassani 21B (1966) 442; 22B (1966) 189
Cassagnou, Y., see A. Adam 25B (1967) 122
Cassagnou, Y., P. Foissel, J. Gastebois, C. Levi, W. Mittig, L. Papineau, Coulomb displacement energies from isobaric analogue state studies in deformed nuclei 27B (1968) 631
Cassel, D.G., see M. Bott-Bodenhausen 23B (1966) 277; 24B (1967) 194
Cassel, D.G., E. Engels, Jr., A.C. Entis, A. Sadoff, Photoproduction of neutral K mesons 34B (1971) 223
Castaignet, M., see A. Bouyssy 25B (1967) 533
Castaldi, R., see C. Bemporad 29B (1969) 383
Castaldi, R., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Castaldi, R., see G. Bellettini 45B (1973) 69
Castaldi, R., see G. Finocchiato 50B (1974) 396
Castel, B., J.C. Parikh, On $Y_2 - Y_4$ nuclear shape correlations 29B (1969) 341
Castel, B., see I.P. Johnstone 34B (1971) 34; 37B (1971) 329
Castel, B., see J.C. Parikh 37B (1971) 7
Casten, R.F., E.R. Flynn, O. Hansen, T. Mulligan, R.K. Sheline, P. Kienle, ^{106}Ru, a transitional nucleus 32B (1970) 45
Casten, R.F., see F. Ajzenberg-Selove 40B (1972) 205
Casten, R.F., E.R. Flynn, J.D. Garrett, O. Hansen, T.J. Mulligan, D.R. Bess, R.A. Broglia, B. Nilsson, Search for (t, p) transitions to excited 0^+ states in the actinide region 40B (1972) 333
Casten, R.F., E.R. Flynn, J.D. Garrett, S. Orbesen, O. Hansen, 0^+ states near the $N = 20$ neutron shell from Ar(t, p) reactions 43B (1973) 473
Casten, R.F., J.D. Garrett, An anomaly in two neutron transfer cross section systematics in deformed nuclei 47B (1973) 436
Casten, R.F., Effect of hexadecapole deformations on $i_{13/2}$ orbits and pickup cross sections in the tungsten nuclei 49B (1974) 258
Castleberry, P.J., L. Coulson, R.C. Minehart, K.O.H. Ziock, Charged particle emission following pion capture in nuclei 34B (1971) 57
Caswell, W.E., F. Wilczek, On the gauge dependence of renormalization group parameters 49B (1974) 291
Cates, M.R., see J.B. Ball 25B (1967) 126
Catz, H., see R. Bertini 45B (1973) 119

Caurier, E., see Y. Abgrall 24B (1967) 609; 26B (1967) 53; 30B (1969) 376; 43B (1973) 165
Caurier, E., B. Bourotte-Bilwes, Y. Abgrall, Microscopic treatment of the coupled monopole and quadrupole vibrations in light nuclei 44B (1973) 411
Cavaignac, J.F., see R. De Swiniarski 43B (1973) 27
Cavalli, D., see F.J. Hasert 46B (1973) 121, 138
Cavalli, D., see T. Eichten 46B (1973) 274, 281
Cavasinni, V., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Caverzasio, C., see P. Bonamy 23B (1966) 501
Caverzasio, C., see H. Aoi 35B (1971) 90
Čech, J., see J. Bystrický 28B (1968) 572
Cecil, F.E., T.T.S. Kuo, S.F. Tsai, Mixing of the giant magnetic dipole state with the 1^+ state in ^{88}Sr at 3.49 MeV 45B (1973) 217
Cejpek, J., A remark on F. Moringo's formula for the amplitude of (d, n) coulomb stripping 21B (1966) 433
Celenza, L.S., R.M. Dreizler, A. Klein, G.J. Dreiss, Collective states of positive parity in ^{16}O 23B (1966) 241
Celenza, L.S., B.F. Gibson, M.K. Liou, M.I. Sobel, Non-coplanar neutron-proton bremsstrahlung 41B (1972) 283
Celenza, L.S., B.F. Gibson, M.K. Liou, M.I. Sobel, Determination of off-shell t-matrix from pp bremsstrahlung data at 42 MeV 42B (1972) 331
Celnikier, L.M., see H.W. Atherton 30B (1969) 494; 42B (1972) 522
Cenja, M., see I. Boca 22B (1966) 76
Ceradini, F., see B. Borgia 35B (1971) 340
Ceradini, F., see S. Orito 48B (1974) 165
Ceradini, F., M. Conversi, M. Grillo, E. Iarocci, M. Nigro, L. Paoluzi, R. Santonico, P. Spillantini, V. Valente, R. Visentin, Multiplicity in hadron production by e^+e^- 42B (1972) 501
Ceradini, F., M. Conversi, S. D'Agnelo, L., Paoluzi, R. Santonico, K. Ekstrand, M. Grilli, E. Iarocci, P. Spillantini, V. Valente, R. Visentin, M. Nigro, Analysis of the decay models of the $\rho'(1600)$ meson 43B (1973) 341
Ceradini, F., M. Conversi, S. D'Angelo, L. Paoluzi, R. Santonico, Multi-hadron production in e^+e^- collisions up to 3 GeV total c.m. energy 47B (1973) 80
Cerineo, M., see B. Antolković 23B (1966) 477
CERN, see Bombay-CERN-Cracow Collaboration 36B (1971) 611
Cernigoi, C., see K.O.H. Ziock 33B (1970) 471
Cerny, J., see G.C. Ball 21B (1966) 551
Cerny, J., see S.W. Cosper 25B (1967) 324
Cerny, J., see A.M. Poskanzer 27B (1968) 414
Cerny, J., see R.L. McGrath 27B (1968) 443; 34B (1971) 288
Cerny, J., see R.Mendelson 31B (1970) 126
Cerny, J., see K.P. Jackson 33B (1970) 281
Cerny, J., J.E. Esterl, R.A. Gough, R.G. Sextro, Confirmed proton radioactivity of ^{53}Co^m 33B (1970) 284
Cerny, J., see J.E. Esterl 33B (1970) 287
Cerny, J., D.R. Goosman, D.E. Alburger, A highly neutron-deficient vanadium isotope: ^{44}V 37B (1971) 380
Cerny, J., see C. Maples 38B (1972) 504
Cerny, J., see R.A. Gough 43B (1973) 33
Cerny, J., see J.A. MacDonald 47B (1973) 237
Cerri, C., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Cerri, C., see G. Finocchiaro 50B (1974) 396

Cervellera, F., see G.B. Vingiani 40B (1972) 638
Cesati, A., F. Cristofori, L. Milazzo Colli, A polarized negative deuterium ion beam obtained by deuterium atoms in the 2S metastable state 21B (1966) 331
Cester, R., P.T. Eschstruth, G.K. O'Neill, B. Quassiati, D. Yount, J.M. Dobbs, A.K. Mann, W.K. McFarlane, D.H. White, Positron momentum spectrum and branching ratio of K^+_{e3} 21B (1966) 343
Cester, R., see V. Bisi 25B (1967) 572
Ceuleneer, R., F. Michel, Regge poles and backward elastic α-particle scattering from ^{16}O 43B (1973) 365
Chabaud, V., see W.F. Baker 23B (1966) 605
Chabaud, V., see J. Banaigs 24B (1967) 317
Chabaud, V., A. Eide, P. Lehmann, A. Lundby, S. Mukhin, J. Myrheim, C. Baglin, P. Briandet, P. Fleury, P. Carlson, E. Johansson, M. Davier, V. Gracco, R. Morand, D. Treille, Measurements of large-angle $\pi^{\pm}$p elastic scattering at 5 GeV/c 38B (1972) 441
Chabaud, V., A. Eide, P. Lehmann, A. Lundby, S. Mukhin, J. Myrheim, C. Baglin, P. Briandet, P. Fleury, P. Carlson, E. Johansson, D. Davier, V. Gracco, R. Morand, D. Treille, $K^{\pm}$p elastic scattering at 5 GeV/c. Evidence for K^-p backward peak 38B (1972) 445
Chabaud, V., A. Eide, P. Lehmann, A. Lundby, S. Mukhin, J. Myrheim, C. Baglin, P. Briandet, P. Fleury, P. Carlson, E. Johansson, M. Davier, V. Gracco, R. Morand, D. Treille, Elastic scattering of antiprotons on protons at 5 GeV/c. Evidence for a backward peak 38B (1972) 449
Chabaud, V., A. Eide, P. Lehmann, A. Lundby, S. Mukhin, J. Myrheim, C. Baglin, P. Briandet, P. Fleury, P. Carlson, E. Johansson, M. Davier, V. Gracco, R. Morand, D. Treille, $\bar{p}p$ annihilation into $\pi^+\pi^-$ and K^+K^- at 5 GeV/c 41B (1972) 209
Chaboud, V., see W.F. Baker 25B (1967) 361
Chabre, M., see Y. Dupont 26B (1967) 362; 31B (1970) 68
Chabre, M., see R.L. Hutson 27B (1968) 153
Chabre, M., see P. De Saintignon 33B (1970) 463
Chabre, M., see A. Moalem 34B (1971) 392
Chacón, E., M. Moshinsky, Representations of finite U_3 transformations 23B (1966) 567
Chadraa, B., see E.G. Bubelev 24B (1967) 246
Chadraa, B., see E.V. Anzon 31B (1970) 237, 241
Chadraa, B., see M.G. Antonova 39B (1972) 282, 285
Chadraa, B., see O. Balea 39B (1972) 571
Chadraa, B., see Alma ... collaboration 48B (1974) 277
Chadwick, G.B., see J. Ballam 30B (1969) 421; 31B (1970) 489
Chadwick, G.B., see Y. Eisenberg 34B (1971) 439
Chadwick, G.B., see H.H. Bingham 41B (1972) 635
Chafee, R.B., see J.E. Nelson 47B (1973) 281
Chaichian, M., see H.R. Rubinstein 30B (1969) 189; 38B (1972) 188
Chaichian, M., J. Cleymans, W.S. Lam, Quark quantum numbers in the current fragmentation region 47B (1973) 460
Chaichian, M., H. Satz, E. Suhonen, Transverse momentum bounds and scaling in the hydrodynamical model 50B (1974) 362
Chakkalakal, D.A., see S.-O. Bäckman 41B (1972) 247
Chaloupka, V., see P. Söding 39B (1972) 1
Chaloupka, V., L. Dobrzynski, A. Ferrando, M.J. Losty, L. Montanet, E. Paul, D. Yaffe, A. Zieminski, A measurement of the branching ratios of the A_2-meson produced in 3.9 GeV/c $\pi^-\rho$ interactions 44B (1973) 211

Chaloupka, V., see J. Louie 48B (1974) 285
Chamberlain, O., see P.R. Robrish 31B (1970) 617
Chan, C.-F., C.-K. Chen, W. Rarita, Complex Regge poles and high energy scattering data 47B (1973) 512
Chan, C.H., see A. Ahmadzadeh 22B (1966) 692
Chan, C.H., F.T. Meiere, The determination of pion-baryon coupling constants 28B (1968) 125
Chan, W.K., C.C. Wu, Phenomenological use of the Callan-Symanzik equation 40B (1972) 651
Chandra, H., M.L. Rustgi, Pairing force, intrinsic quadrupole moment and moment of inertia 36B (1971) 185
Chandra, H., see E. Borie 47B (1973) 291
Chang, C.C., E. Bar-Avraham, H.H. Forster, C.C. Kim, J.R. Richardson, P. Tomaš, J.W. Verba, Proton-proton final state interaction in the ^{3}He(p, pd)p reaction 28B (1968) 175
Chang, C.C., see S.S. Hanna 40B (1972) 631
Chang, C.Y., D. Bassano, T. Kikuchi, P. Dodd, J. Leitner, A determination of the K_S-K_L mass difference via the strangeness oscillation technique 23B (1966) 702
Chang, F.S., J.B. French, K.F. Ratcliff, Centroid energies and widths of nuclear configurations 23B (1966) 251
Chang, F.S., J.B. French, Energy dependence of expectation values in many-particle spectroscopy 44B (1973) 131
Chang, F.S., J.B. French, Occupation probabilities and spin cut-off factors 44B (1973) 135
Chang, L.N., G. Segre, N.P. Chang, Eikonalization with ρ meson exchange 39B (1972) 207
Chang, L.N., see C.E. Carlson 49B (1974) 377
Chang, N.P., see L.N. Chang 39B (1972) 207
Chang, N.P., see H. Bacry 44B (1973) 286
Chang, P., see F. Gürsey 26B (1967) 520
Chan Hong-Mo and P. Hoyer, Exotic reactions in inclusive experiments 36B (1971) 79
Chan Hong-Mo, H.I. Miettinen, W.S. Lam, Factorisation and inclusive photoproduction 40B (1972) 112
Chan Hong-Mo, H.I. Miettinen, D.P. Roy, P. Hoyer, Regge phenomenology of inclusive spectra in the central region 40B (1972) 406
Chanowitz, M.S., Local current algebra sum rules and electron-positron annihilation into baryons 31B (1970) 374
Chanowitz, M.S., Erratum 31B (1970) 374; 33B (1970) 444
Chanowitz, M.S., J. Ellis, Canonical anomalies and broken scale invariance 40B (1927) 397
Chant, N.S., see W.G. Davies 27B (1968) 363
Chant, N.S., see J.M. Nelson 31B (1970) 445
Chao, Y.-A., see S. Barshay 38B (1972) 225, 229
Chao, Y.-A., A.D. Jackson, Optimized conformal mapping applied to the Lippmann-Schwinger equation 43B (1973) 449
Chapman, J.W., J. Cooper, N. Green, B.P. Roe, A.A. Seidl, J.C. Van der Velde C.M. Bromberg, D. Cohen, T. Ferbel, P. Slattery, Production of γ, Λ^0, K_s^0 and $\bar{\Lambda}^0$ in pp collisions at 102 GeV/c 47B (1973) 465
Chapman, K.R., J.D. Jafar, G. Martelli, T.J. MacMahon, H.B. Van Der Raay, D.H. Reading, R. Rubenstein, K. Ruddick, D.G. Ryan, W. Galbraith, P. Sharp, Observation of the reaction $d + d \to {}^4He + 2\pi$ at 1.69 GeV/c 21B (1966) 465
Chapman, N.G., see K.P. Jackson 30B (1969) 162
Chapman, R., see J.H. Bjerregaard 24B (1967) 568
Chapman, R., see R.K. Jolly 28B (1968) 546
Chapman, R., W. McLatchie, J.E. Kitching, (t, p)-reaction studies of the transitional nuclei-^{150}Nd and ^{152}Nd 31B (1970) 292

Chappert, J., R.B. Frankel, A. Misetich, N.A. Blum, Quadrupole moment of $^{57}Fe^{m}$ 28B (1968) 406
Charalambus, S., see G. Backenstoss 25B (1967) 365; 547; 31B (1970) 233; 33B (1970) 230
Charalambus, S., see H. Daniel 26B (1967) 281
Charalambus, S., see G. Poelz 26B (1967) 331
Charalambus, S., see H. Schmitt 27B (1968) 530
Charalambus, S., see H. Koch 28B (1968) 279; 29B (1969) 140
Charalambus, S., see H.P. Povel 33B (1970) 620
Chargeishvili, M., see O. Balea 39B (1972) 571
Chargeishivili, M., see Alma ... collaboration 48B (1974) 277
Charles, B.J., I.M. Cowan, T.R.M. Edwards, W.M. Gibson, A.R. Gillman, R.G. Gilmore, M.H. Goedhill, C.M. Hughes, J. Malos, V.J. Smith, R.J. Tapper, B. McCartney, G.C. Oades, D.L. Ward, P.D. Wroath, G.A. Beck, M. Coupland, S.G.F. Frank, Differential cross sections for elastic scattering of positive kaons on protons in the momentum range 0.9 to 1.9 GeV/c 40B (1972) 289
Charpak, G., see J. Faivier 25B (1967) 409
Charpak, G., see M. Breidenbach 39B (1972) 654
Charlton, G., see D. Swanson 48B (1974) 479
Charlton, G.R., J. Badier, E. Barrelt, I. Makarovisch, J. Pernegr, J.R. Hubbard, A. Leveque, C. Louedec, L. Moscoso, D. Revel, Hyperon-proton interactions between 0.5 and 0.4 GeV/c 32B (1970) 720
Charlton, G.R., G.H. Thomas, Remarks on average pion multiplicities at high energies 40B (1972) 378
Chase, R.C., E. Coleman, H.W.J. Courant, E. Marquit, E.W. Petraske, H.F. Romer, K. Ruddick, Observation of backward η production 30B (1969) 659
Chasman, C., see S. Kahana 50B (1974) 199
Chasnikov, I. Ya, see E.V. Anzon 31B (1970) 237, 241
Chasnikov, I., see Alma ... collaboration 48B (1974) 277
Chatelus, Y., see J.C. Bizot 32B (1970) 416
Chattarji, D., K^- capture in ^{157}Gd 34B (1971) 381
Chatterjee, A., see R. Sarkar 30B (1969) 313; 31B (1970) 572; 33B (1970) 263
Chatterjee, A., see S.K. Ghosh 38B (1972) 203
Chattopadhyay, P.K., F. Krejs, A. Klein, An exactly soluble shell model with R(5) symmetry exhibiting two-dimensional vibrations and rotations 42B (1972) 315
Chatwin, R.A., see A. Richter 27B (1968) 181
Chaudhary, B., P.K. Malhotra, D.S. Narayan, Angular distribution and multiplicity of pionization particles and the scaling law 39B (1972) 245
Chaudhuri, P., see W.W.M. Allison 25B (1967) 619
Chaumeaux, A., see R. Bertini 45B (1973) 119
Chaumont, J., E. Roeckl, Y. Nir-El, C. Thibault-Philippe, R. Klapisch, R. Bernas, Identification of new neutron-deficient nuclides ^{76}Rb and ^{118}Cs. Half-lives of ^{78}Rb, $^{119\text{-}124}Cs$, ^{126}Cs 29B (1969) 652
Chaumont, J., see B.L. Tracy 34B (1971) 277
Chaurand, B., B. Drevillon, G. Labrosse, D. Linglin, R.A. Salmeron, R. Barloutaud, A. Borg, C. Louedec, F. Pierre, M. Spiro, R.J. Miller, J.J. Phelan, T.P. Shah, The reactions $K^- p \to K^{+\delta}(890)N$ and $K^- p \to K^{*0}(1420)N$ at 14.3 GeV/c 38B (1972) 253
Chaurand, B., see R. Barlautaud 38B (1972) 257
Chaurand, B., see K. Paler 43B (1973) 437; 48B (1974) 151
Chavanon, P., see J. Oostens 22B (1966) 708
Chavanon, P., M. Crozon, T. Leray, J. Tocqueville, Dètermination de la repartition angulaire des π^0 dans la réaction $\pi^+, p \to \pi^+, p, \pi^0$ entre 600 and 1300 MeV 28B (1968) 296

Chechev, V.P., L.E. Gurevich, Ya.M. Kramarovsky, Dirac's principle and variability of fundamental constants 42B (1972) 261
Chechik, R., see L. Birstein 26B (1967) 220
Cheifetz, E., see E. Nardi 27B (1968) 144
Chelnokov, L.P., see A.G. Artukh 32B (1970) 43
Chemtob, M., M. Rho, PCAC and interaction current effect in triton beta decay 29B (1969) 540
Chemtob, M., D.O. Riska, Nucleon-nucleon scattering in high waves and pion-pion dynamics 35B (1971) 115
Chemtob, M., see D.O. Riska 36B (1971) 313
Chen, C.-K., see C.-F. Chan 47B (1973) 512
Chen, F.C., Does W_1 scale? 34B (1971) 625
Chen, G.D., see E. Bernal 22B (1966) 240
Chen, H.T., A. Goswami, Generalized treatment of neutron-proton pairing in $N = Z$ nuclei 24B (1967) 257
Chen, K.W., see M.G. Hauser 35B (1971) 252
Chen, K.W., M.G. Hauser, A test of charge independence in πp backward scattering below 600 MeV 35B (1971) 257
Chen, M.Y., see S.C. Cheng 34B (1971) 615
Chen, M.-S., F.E. Paige, Phase space effects on single particle spectra 38B (1972) 249
Chen, Y.S., see D.M. Hardy 31B (1970) 355
Cheng, D., see S.S. Wilson 35B (1971) 83
Cheng, H., T.T. Wu, Impact picture and the eikonal approximation 34B (1971) 647
Cheng, H., T.T. Wu, Considerations on measuring $\gamma + \gamma \to \pi^+ + \pi^-$ with colliding beams 36B (1971) 241
Cheng, H., T.T. Wu, Diffractive inelastic processes at extremely high energies 36B (1971) 357
Cheng, H., T.T. Wu, Electron-positron annihilation into hadrons at high energies 41B (1972) 375
Cheng, H., J.K. Walker, T.T. Wu, Impact picture of $\bar{p}p$, pp, $\pi^{\pm}$p, and $K^{\pm}$p elastic scattering from 20 to 5000 GeV 44B (1973) 97
Cheng, H., J.K. Walker, T.T. Wu, Ratio of real to imaginary parts for pp, $\bar{p}p$, $\pi^{\pm}$p, and $K^{\pm}$p forward elastic scattering amplitudes from 50 to 5000 GeV 44B (1973) 283
Cheng, H., T.T. Wu, Implication of the impact picture on multiplicity, inclusive distribution, and production processes 45B (1973) 367
Cheng, K.S., J.-M. Wang, Multiplicity distribution in the central region 44B (1973) 88
Cheng, S.C., M.Y. Chen, J.W. Kast, W.Y. Lee, E.R. Macagno, A.M. Rushton, C.S. Wu, Magnetic dipole hyperfine structure in muonic atoms 34B (1971) 615
Cheng, V.K.C., see H.G. Pugh 46B (1973) 192
Cheng, W.K., see E. Fischbach 38B (1972) 8
Cheon, I.T., Nuclear correlation and final interaction in the absorption of stopped π^- mesons 26B (1967) 540
Cheon, Il-T., H.M. Sen Gupta, A doublescattering model for the ^{6}Li(^{16}O, d)^{20}Ne reaction 29B (1969) 268
Cheon, Il-T., Charge form factor and quadrupole moment of ^{6}Li 30B (1969) 81
Cherdantsev, P.A., see G.D. Adeev 35B (1971) 125; 39B (1972) 485
Chernej, M.I., F.A. Gareev, B.N. Kalinkin, N.I. Pyatov, *N*-forbidden beta transitions in odd-mass deformed nuclei 27B (1968) 117
Chernej, M.I., see M.I. Baznat 31B (1970) 192
Chernev, Kh.M., see E.V. Anzon 31B (1970) 237, 241
Chernev, Kh.M., I.M. Geshkov, N.L. Ikov, P.K. Markov, V.I. Zaiachki, Slope parameter and ratio of the real to the imaginary part of the forward amplitude of the elastic proton-proton scattering at 30, 50 and 70 GeV 36B (1971) 266
Chernishova, L.A., see I.I. Gurevich 38B (1972) 549

Chernov, G.M., see M.G. Antonova 39B (1972) 282, 285
Chernova, L.P., see M.G. Antonova 39B (1972) 282, 285
Chernyavsky, M.M., see E.V. Anzon 31B (1970) 237, 241
Chernyavsky, M.M., see M.G. Antonova 39B (1972) 282, 285
Cheshire, D.L., S.E. Sobottka, Pion capture on ^{12}C with emission of neutron pairs 30B (1969) 244
Cheung, F.F.K., Necessity of N-particle production amplitudes 27B (1968) 302
Cheung, F.F.K., Mandelstam representation in potential scattering 30B (1969) 257
Chevallier, P., see S. Gorodetzky 22B (1966) 505; 24B (1967) 578
Chevillon, P.L., see S. De Barros 23B (1966) 683
Chew, G.F., D.R. Snider, Multiperipheral model suggestion of a damped oscillatory component in high energy total cross sections 31B (1970) 75
Chew, G.F., Complex Regge poles and the sign of the two-Pomeranchon discontinuity 44B (1973) 169
Chew, G.F., J. Koplik, Asymptotic oscillation hypothesis 48B (1974) 221
Cheze, J., see M. Banner 21B (1966) 582; 25B (1967) 300, 569
Chhajlany, S.C., L.K. Pandit, G. Rajasekaran, Effective-dipole form-factors for the $K_{\ell 3}$-decay 35B (1971) 166
Chi, B.E., see L. Lin 37B (1974) 117; 49B (1974) 117
Chiavassa, E., see J. Favier 31B (1970) 609
Chiba, R., see H. Morinaga 25B (1967) 22
Chiba, R., N. Nakamura, K. Ebisawa, M. Ikeda, N. Kawai, T. Murata, Delayed neutrons from ^{13}B 28B (1968) 173
Chien, C.Y., P.M. Dauber, E.I. Malamud, D.J. Mellema, P.E. Schlein, P.A. Schreiner, W.E. Slater, D.H. Stork, H.K. Ticho, T.G. Trippe, Spin and parity of the $T = \frac{1}{2}$ $K\pi\pi$ system near 1.3 GeV 28B (1968) 143
Chien, C.Y., see T.G. Trippe 28B (1968) 203
Chien, C.Y., E.I. Malamud, D.J. Mellema, F.D. Rudnick, P.E. Schlein, W.E. Slater, D.H. Stork, H.K. Ticho, T.G. Trippe, Regge pole exchange analysis of $K^+p \to K^{*0}\pi^+p$ at 7.3 GeV/c 29B (1969) 433
Chien, C.-Y., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Chien, C.Y., see M. Roos 33B (1970) 1
Chien, C.Y., B. Cox, L. Ettlinger, L. Resvanis, R.A. Zdanis, E. Dally, P. Innocenti, E. Seppi, C.D. Buchanan, D.J. Drickey, F.D. Rudnick, P.F. Shepard, D.H. Stork, H.K. Ticho, A measurement of the form factors for the decay $K^0_L \to \pi\mu\nu$ 33B (1970) 627
Chien, C.-Y., B. Cox, L. Ettlinger, L. Resvanis, R.A. Zdanis, E. Dally, P. Innocenti, E. Seppi, C.D. Buchanan, D.K. Drickey, F.D. Rudnick, P.F. Shepard, D.H. Stork, H.K. Ticho, A measurement of the form factor $f_+(q^2)$ from K^0_{e3} decays 35B (1971) 261
Chien, C.-Y., see E. Dally 41B (1972) 647
Chien, C.-Y., see J. Anderson 45B (1973) 521
Chih-Yung Chien, P.M. Dauber, D. Joel Mellema, P. Schreiner, W.E. Slater, D. H. Stork, H.K. Ticho, $\bar{\Lambda}$ production in 7.3 GeV/c K^+p interactions 25B (1967) 426
Chih-Yung Chien, E. Malamud, D.J. Mellema, P.E. Schlein, W.E. Slater, D.H. Stork, H.K. Ticho, K^+p elastic scattering at 7.3 GeV/c 28B (1968) 615
Chikashige, Y., H. Inagaki, Determination of the scale dimension of chiral symmetry breaking Hamiltonian from the ps. meson photoproduction 40B (1972) 117
Chikovani, G., L. Dubal, M.N. Focacci, W. Kienzle, B. Levrat, B.C. Maglić, M. Martin, C. Nef, P. Schübelin, J. Seguinot, Evidence for three new charged bosons of masses 1929, 2195 and 2382 MeV and narrow widths 22B (1966) 233
Chikovani, G., see B. Levrat 22B (1966) 714

Chikovani, G., L. Dubal, M.N. Focacci, W. Kienzle, C. Lechanoine, B. Levrat, B.C. Maglić, M. Martin, C. Nef, P. Schübelin, Slope of differential cross section for inelastic processes at 12 GeV/c π^-p interaction 23B (1966) 157
Chikovani, G., M.N. Focacci, W. Kienzle, C. Lechanoine, B. Levrat, B. Maglić, M. Martin, P. Schübelin, L. Dubal, M. Fischer, P. Grieder, H.A. Neal, C. Nef, Evidence for a two-peak structure in the A_2 meson 25B (1967) 44
Chikovani, G.E., see H. Benz 28B (1968) 233
Chikovani, G.E., M.N. Focacci, W. Kienzle, U. Kruse, C. Lechanoine, M. Martin, P. Schübelin, Spin-parity analysis of 3π decays in the A_2 meson region 28B (1968) 526
Chilosi, G., see E. Eichler 24B (1967) 140
Chilosi, G., see G.B. Vingiani 26B (1967) 285; 34B (1971) 597
Chilosi, G., G.B. Vingiani, Half-lives of $s\frac{1}{2}$ and $d\frac{3}{2}$ hole states in ^{49}Sc 27B (1968) 81
Chilton, F., D. Horn, R.J. Jabbur, Calculation of quark production 22B (1966) 91
Chinowsky, W., see T.H. Tan 28B (1968) 195
Chistilin, V.I., see M. Ya. Balatz 26B (1967) 320
Chistyakova, T.A., see V.V. Barmin 33B (1970) 377; 35B (1971) 604; 46B (1973) 465; 47B (1973) 463
Chiu, C.B., A.V. Stirling, Validity of the interference model for πN scattering? 26B (1967) 236
Chiu, C.B., J. Finkelstein, Restrictions on SU(3) mixing implied by exchange degeneracy 27B (1968) 510
Chiu, C.B., S. Matsuda, Regge pole residues near α=0 in the presence of fixed pole effects 31B (1970) 455
Chiu, C.B., A.N. Mitra, A model for the mixing among the 70 baryon states based on exchange degeneracy 40B (1972) 401
Chiu, C.B., J. Johnsen, Analytic solution of the truncated statistical bootstrap equation with step-function kernel 42B (1972) 475
Chiu, C.B., E. Ugaz, The Σ production data and the absorption pattern in two-body scattering 43B (1973) 327
Chivers, D.T., J.J. Domingo, E.M. Rimmer, R.C. Witcomb, B.W. Allardyce, N.W. Tanner, Reactions of nuclei with pions at the 3-3 resonance 26B (1967) 573
Chkareuli, J.L., I.V. Paziashvili, Pion mass and the Cabibbo angle 47B (1973) 43
Chkhaidze, L., see Alma ... collaboration 48B (1974) 277
Chlebowska, D., J. Wrzencionko, M. Zielińska-Pfabe, The four-body decay of the ^{9}Be hypernucleus 25B (1967) 309
Chlebowska, D., J. Wrzecionko, M. Zielińska-Pfabé, α-α interaction in the $^9_\Lambda$Be $\rightarrow \alpha + \alpha + p + \pi^-$ decay 32B (1970) 177
Chlebowska, D., On the effect of the τ-t-Λ cluster structure of $^7_\Lambda$Li on the angular distribution in the $^7_\Lambda$Li $\rightarrow$ ^{4}He + ^{3}He + π^- decay 35B (1971) 393
Chliapnikov, P., see T. Eichten 27B (1968) 586
Chliapnikov, P., O. Czyzewski, J. Finkelstein, M. Jacob, Triple Regge behaviour in inclusive reactions 35B (1971) 581
Chliapnikov, P.V., O. Czyzewski, Y. Goldschmidt-Clermont, Structure function for inelastic proton-proton scattering at different energies 36B (1971) 235
Chliapnikov, P.V., S. Nielsen, G. Ciapetti, D. Drijard, W. Dunwoodie, Y. Goldschmidt-Clermont, A. Grant, V.P. Henri, F. Muller, L. Pape, Z. Sekera, W. De Baere, W. De Wolf, F. Grard, P. Herquet, P. Peeters, F. Verbreure, R. Windmolders, J.N. Carney, D.C. Colley, M. Jobes, G.T. Jones, C. Bonnel, J. Ginestet, D. Manesse, Tran Ha$_o$Anh, D. Vignaud, M. Sené, Scaling in the semi-inclusive reactions $K^+p \rightarrow K^+n$ (charged) + anything at 5, 8.2 and 16 GeV/c 39B (1972) 279
Chmara, F., see L. Grodzins 24B (1967) 282
Cho, C.F., J.J. Sakurai, Tests of vectormeson dominance relations in the electric Born model for pion photoproduction 30B (1969) 119

Cho, C.F., J.J. Sakurai, Domain of validity of vector-meson dominance in inelastic electron-proton scattering 31B (1970) 22
Cho, C.F., see U. Bar-Gadda 46B (1973) 95
Cho, Y., M. Derrick, D.Johnson, B. Musgrave, T. Wangler, J. Wong, R. Davis, B. Werner, R. Ammer, W. Kropac, H. Yarger, Study of $K^-\pi^-$ scattering using the reactions $K^-d \to K^-\pi^- pp_s$ 32B (1970) 409
Cho, Y., see R. Singer 49B (1974) 481
Chollet, J.C., J.-M. Gaillard, M.R. Jane, T.J. Ratcliffe, J.-P. Repellin, K.R. Schubert, B. Wolff, Observation of the interference between K_L^o and K_S^o in the $\pi^o\pi^o$ decay mode 31B (1970) 658
Chollet, J.C., see K.R. Schubert 31B (1970) 662
Chollet, J.C., see B. Wolff 36B (1971) 517
Chollet, J.C., see J.-P. Repellin 36B (1971) 603
Chollet, J.C., see J. Badier 39B (1972) 414; 41B (1972) 387
Chong, K.-F., Y. Singh, D.W.L. Sprung, M.K. Srivastava, Sensitivity of nuclear matter binding energy to the nucleon-nucleon phase shift at high energies 38B (1972) 132
Chong, K.F., see K.M. Skopik 43B (1973) 481
Choppin, G.R., see R. Holub 43B (1973) 375
Choudhury, D.K., A.N. Mitra, n-p mass difference in a model of higher baryon couplings 32B (1970) 619
Choudhury, D.K., Limiting fragmentation and pulverization in bilocal current algebra 47B (1973) 63
Choudhury, S.R., Regge-Mueller analysis in the pionization region 48B (1974) 246
Chounet, L.M., see L. Behr 22B (1966) 540
Chounet, L.M., see J.P. Lowys 24B (1967) 75
Chounet, L.M., see T. Eichten 27B (1968) 586; 46B (1973) 274, 281; 40B (1972) 593
Chounet, L.M., see D. Haidt 29B (1969) 691, 696
Chounet, L.M., M.K. Gaillard, K_{l3} decay: experimental results and comparison with theory 32B (1970) 505
Chounet, L.M., see F.J. Hasert 46B (1973) 121, 138
Chow, Y.W., E.S. Greenbaum, R.H. Howes, F.H.H. Hsu, P.H. Swerdlow, C.S. Wu, Mössbauer effect following Coulomb excitation measurements of electric quadrupole moment ratios in the first excited 2^+ states of $^{182,4,6}W$ 30B (1969) 171
Chow, Y.W., R.H. Howes, P.H. Swerdlow, C.S. Yen, C.S. Wu, Mössbuer measurement of quadrupole-moment ratios of the first excited 2^+ states of $^{176,178 \text{ and } 180}Hf$ 32B (1970) 682
Chrien, R.E., S.F. Mughabghab, M.R. Bhat, A.P. Jain, Systematic properties of neutron resonances in the rare earth region 24B (1967) 573
Chrien, R.E., D.L. Price, O.A. Wasson, M.R. Bhat, M.A. Lone, M. Beer, Direct neutron capture in $^{238}U(n, \gamma)^{239}U$ 25B (1967) 195
Christensen, C.J., A. Nielsen, A. Bahasen, W.K. Brown, B.M. Rustad, The half-life of the free neutron 26B (1967) 11
Christensen, C.J., V.E. Krohn, G.R. Ringo, Measurement of *A* and *B* coefficients in the decay of polarized neutrons 28B (1968) 411
Christensen, P.R., C.L. Cocke, Non-existence of the 5.51 MeV and 6.10 MeV levels in ^{13}C 22B (1966) 503
Christensen, P.R., see G. Løvhøiden 34B (1971) 125
Christensen, P.R., see F.D. Becchetti 43B (1973) 279
Christensen, P.R., see N. Trautner 44B (1973) 41
Christensen, P.R., O. Hansen, J.S. Larsen, D. Sinclair, F. Videbaek, Abrupt change between smooth and oscillatory angular distributions in ^{16}O induced transfer reactions on ^{26}Mg 45B (1973) 107
Christiansen, J., see R. Brüning 21B (1966) 435

Christiansen, J., H. Ingwersen, H.G. Johann, W. Klinger, W. Kreische, W. Lampert, G. Schatz, W. Witthuhn, The g-factor of the isomeric $\frac{9}{2}^+$ state of ^{81}Br 35B (1971) 501
Christillin, P., see R. Barbieri 43B (1973) 411
Christy, A., see B. Wakefield 31B (1970) 56
Chuev, V.I., V.V. Davydov, V.I. Manko, B.G. Novatsky, S.B. Sakuta, D.N. Stepanov, The 'quasi-elastic scattering' of ^{6}Li ions determined by the charge-exchange spin-flip forces 31B (1970) 624
Chuev, V.I., Yu.A. Glukhov, V.I. Manko, B.G. Novatskii, A.A. Ogloblin, S.B. Sakuta, D.N. Stepanov, On the interference between Coulomb and nuclear excitation in the inelastic scattering of ^{6}Li ions 42B (1972) 63
Chugunov, I.N., see D.S. Andreyev 32B (1970) 187
Chung, K., M. Danos, M.G. Huber, Microscopic description of the absorption of bound π-mesons 29B (1969) 265
Chung, K., M.G. Huber, B. Blum, M. Danos, Pion absorption in the oxygen isotopes 32B (1970) 536
Chung, S.U., S.D. Protopopescu, G.R. Lynch, M. Alston-Garnjost, A. Barbaro-Galtieri, J.H. Friedman, R.L. Ott, M.S. Rabin, F.T. Solmitz, S.M. Flatté, Spin-parity analysis of the B meson 47B (1973) 526
Chung, V.K., A.K. Mann, E.A. Passchos, Possible method of searching for a weak neutral current in $e^+ + e^- \to \mu^+ + \mu^-$ 41B (1972) 355
Church, E.L., High-energy internal-conversion coefficients 28B (1968) 168
Chuvilo, I.V., see E.G. Bubelev 24B (1967) 246
Chuvilo, I.V., see M.N. Khachaturyan 24B (1967) 349
Chuvilo, I.V., see R.G. Astvacaturov 27B (1968) 45
Chuvilo, I.V., see Z.S. Strugalski 29B (1969) 518, 532
Chuvilo, I.V., see V.V. Barmin 33B (1970) 377; 35B (1971) 604; 46B (1973) 465; 47B (1973) 463
Chwaszczewska, J., M. Dakowski, T. Krogulski, E. Piasecki, W. Przyborski, M. Sowiński, Emission of long-range charged particles in the fission of ^{235}U induced by thermal neutrons 24B (1967) 87
Chwaszczewska, J., see M. Dakowski 25B (1967) 213
Chwaszczewska, J., K.A. Gavrilov, W. Kusch, M. Szymczak, Some decay properties of ^{251}Hm and ^{252}Fm 25B (1967) 331
Chwaszcqewska, J., see E. Piasecki 33B (1970) 568
Chwieroth, F.S., Y.C. Tang, D.R. Thompson, Effects of imaginary potentials on spurious resonances in resonating-group calculations 46B (1973) 301
Chyliński, Z., see J. Babecki 40B (1972) 507
Ciampolillo, S., see L. Behr 22B (1966) 540
Ciampolillo, S., see T. Eichten 27B (1968) 586
Ciampolillo, S., see D. Haidt 29B (1969) 691, 696
Ciapetti, G., see P.V. Chliapnikov 39B (1972) 279
Ciapetti, G., see J.N. Carney 42B (1972) 124
Ciccariello, S., R. Gatto, G. Sartori, M. Tonin, Broken scale invariance and asymptotic sum rules 30B (1969) 546
Cicogna, G., F. Strocchi, R. Vergara Caffarelli, SU(2) chiral breaking and $\eta \to 3\pi$ decay 46B (1973) 217
Cierjacks, S., P. Forti, D. Kopsch, L. Kropp, J. Nebe, Level structure of ^{24}Na observed in the total neutron cross section of sodium from 300 to 900 keV 29B (1969) 417
Ciker, W.R., see G.W. Hoffmann 50B (1974) 249
Cincheza, I., see B. Bogdan 41B (1972) 221
Cindro, N., see R. Ballini 21B (1966) 708; 26B (1967) 215
Ciochetti, G., see B. Bosco 25B (1967) 102

Ciocchetta, G., see A. Bottino 34B (1971) 187; 38B (1972) 140; 43B (1973) 170
Ciofi Degli Atti, C., R. Guardiola, High-energy electron and proton scattering and deformation of ^{12}C nucleus 36B (1971) 287
Ciofi Degli Atti, C., A. Kallio, Comparison of the Brueckner and Jastrow methods in electron scattering 36B (1971) 433
Ciofi degli Atti, C., L. Lantto, P. Toropainen, Some remarks on the charge form factor of ^4He and the center-of-mass motion spuriousity 42B (1972) 27
Cirba, E., see K. Böckmann 28B (1968) 72
Cittolin, S., see A. Brabson 42B (1972) 283, 287
Civcicadze, E., see Alma ... collaboration 48B (1974) 277
Civitarese, O., F. Krmpotić, L. Szybisz, On the coupling phenomena between $\sigma = 0$ and $\sigma = 1$ charge exchange dipole modes 48B (1974) 199
Clark, A.R., R.C. Field, H.J. Frisch, W.R. Holley, R.P. Johnson, L.T. Kerth, R.C. Sah, W.A. Wenzel, Observed difference in the ranges of positive and negative muons 41B (1972) 229
Clark, D.D., see H.F. Brinckmann 43B (1973) 386
Clark, D.J., see J.S.C. Mckee 24B (1967) 240
Clark, D.J., see R.J. Slobodrian 25B (1967) 19
Clark, G.J., J.M. Freeman, D.C. Robinson, J.S. Ryder, W.E. Burcham, G.T.A. Squier, Superallowed Fermi decay ^{14}O and its relevance to weak interaction theory 35B (1971) 503
Clark, G.J., see J.S. Ryder 43B (1973) 30
Clark, J.W., see P. Westhaus 23B (1966) 109
Clark, J.W., see S.-O. Bäckman 41B (1972) 247
Clarke, N.M., see A.M. Hanna 37B (1971) 361
Clausnitzer, G., W. Dürr, R. Fleischmann, G. Graw, E. Salzborn, J. Witte, Depolarization effects during charge exchange of a polarized tandem beam 25B (1967) 267
Clausnitzer, G., R. Fleischmann, H. Wilsch, Analysing power of ^{12}C for vector polarized deuterons from 6-10 MeV 25B (1967) 466
Clausnitzer, G., see D. Fick 27B (1968) 366
Clausnitzer, G., see G. Graw 28B (1968) 583; 30B (1969) 465
Clayton, D.D., see S.E. Woosley 38B (1972) 196
Clayton, J., see J.A. Danysz 24B (1967) 309
Clayton, M.J., see D.C. Brunt 26B (1967) 317
Clear, R., see J. Lynch 35B (1971) 457
Clegg, A.B., see D.R. Botterill 31B (1970) 325
Clegg, A.B., see M.G. Albrow 40B (1972) 136; 42B (1972) 279; 44B (1973) 207, 518
Clegg, T.B., see W. Trächslin 25B (1967) 585
Clegg, T.B., see W.S. McEver 31B (1970) 560
Cleland, W.E., J.K. Bienlein, G. Conforto, G.H. Eaton, H.J. Gerber, M. Reinharz, M. Veltman, A. Gautschi, E. Heer, J. Fr.Renevey, G. Von Dardel, A determination of the β parameter as a test of T-invariance in the charged decay mode of the Λ hyperon 26B (1967) 45
Clement, C.F., Single particle sum rules for nuclei 26B (1967) 710
Clement, C.F., Spectroscopic factors and single particle form factors 28B (1968) 395
Clement, C.F., Hartree-Fock equations for separation energies and single particle states in nuclei 28B (1968) 398
Clement, C.F., S.M. Perez, Excitation of the nuclear giant dipole state by α-particles 33B (1970) 391
Clement, D., E.W. Schmid, A.G. Teufel, Positive energy bound states in resonating group calculations 49B (1974) 308
Clement, H., see G. Graw 30B (1969) 465

Clements, P.J., A. Langsford, On the monotonic variation of the n-p total cross section with energy in the range 1.0 to 7.9 MeV 30B (1969) 25
Clerc, H.-G., see G.A. Beer 26B (1967) 506
Clerc, H.-G., see M. Tomaselli 29B (1969) 634
Clerc, H.-G., see D. Türck 49B (1974) 335
Clews, C.J., N. Berovic, Phase shift analysis of P-D elastic scattering 33B (1970) 347
Cleyman, J.W., see R.N. Cahn 43B (1973) 323
Cleymans, J., see M. Chaichian 47B (1973) 460
Cline, D., see V. Barger 22B (1966); 25B (1967) 415; 26B (1967) 85, 591; 27B (1968) 312; 29B (1969) 121
Cline, D., J. Robinson, Evidence for a $P_{1/2}$ final state in $\Sigma^+ \to n + \pi^+$ decay 23B (1966) 509
Cline, D., M.G. Olsson, Evidence for a $\Sigma^- \eta$ enhancement near threshold 25B (1967) 41
Cline, D., R. March, M. Sheaff, Elastic Λ-proton scattering from 400-1300 MeV/c 25B (1967) 446
Cline, D., R. Laumann, J. Mapp, Kaonic disintegration of the deuteron near 400 MeV/c 27B (1968) 110
Cline, D., see J. Berryhill 27B (1968) 573
Cline, D., R. Laumann, J. Mapp, A direct experimental estimate of the low energy parameters for $\pi\Lambda$ scattering 35B (1971) 606
Cline, D., see I. Fischman 41B (1972) 298
Close, F.E., H. Osborn, Relativistic extension of the electromagnetic current for compositie systems 34B (1971) 400
Close, F.E., F.J. Gilman, Helicity structure of nucleon resonance electro-production and the symmetric quark model 38B (1972) 541
Close, F.E., νW_2 at small ω' and resonance form factors in a quark model with broken SU(6) 43B (1973) 422
Cloud, S.D., see T.R. Ophel 32B (1970) 101
Clough, A.S., see T.A. Armstrong 34B (1971) 535
Clough, A.S., see B.W. Allardyce 41B (1972) 577
Clough, A.S., G.K. Turner, B.W. Allardyce, C.J. Batty, D.J. Baugh, J.D. McDonald, R.A.J. Riddle, L.H. Watson, M.E. Cage, G.J. Pyle, G.T.A. Squier, Coulomb effects in π^+–C and π^-–C total cross sections 43B (1973) 476
Cnops, A.M., G. Finocchiaro, J.C. Lassalle, P. Mittner, P. Zanella, J.P. Dufey, B. Gobbi, M.A. Pouchon, A. Muller, Test of C invariance in the three pion decay of the η meson 22B (1966) 546
Cnops, A.M., see R.A. Bowen 24B (1967) 206
Cnops, A.M., G. Finocchiaro, P. Mittner, P. Zanella, J.P. Dufey, B. Gobbi, M.A. Pouchon, A. Müller, Dalitz plot analysis for the decay $\eta \to \pi^+\pi^-\gamma$ 26B (1967) 398
Cnops, A.M., see J.P. Dufey 26B (1967) 410; 29B (1969) 605
Cnops, A.M., G. Finocchiaro, P. Mittner, J.P. Dufey, B. Gobbi, M.A. Pouchon, A. Müller, Dalitz plot analysis of the decay $\eta \to \pi^+\pi^-\pi^0$ 27B (1968) 113
Cnops, A.M., P.V.C. Hough, F.R. Huson, I.R. Kenyon, J.M. Scarr, I.O. Skillicorn, H.O. Cohn, R.D. McCulloch, W.M. Bugg, G.T. Condo. M.M. Nussbaum, A_1 production in 8 GeV/c π^+D interactions 29B (1969) 45
Cocconi, G., see J.V. Allaby 23B (1966) 389; 25B (1967) 156
Cocconi, G., see U. Amaldi 36B (1971) 504; 43B (1973) 231; 44B (1973) 112
Cocconi, G., Second-order interference as a tool for the determination of hadron fireball dimensions 49B (1974) 459
Cocconi, V.T., see M. Deutschmann 22B (1966) 112
Cocconi, V.T., see S. Brandt 22B (1966) 109, 230
Cocconi, V.T., see J. Bartsch 22B (1966) 357; 25B (1967) 48; 27B (1968) 336; 28B (1968) 439; 33B (1970) 186

Cocconi, V.T., see F. Crijns 22B (1966) 533
Cocconi, V.T., see M. Aderholz 24B (1967) 434; 27B (1968) 174
Cocconi, V.T., see J.V. Beaupré 34B (1971) 160; 37B (1971) 432; 40B (1972) 510; 41B (1972) 393
Cocconi, V.T., see K. Boesebeck 34B (1971) 659
Cocconi, V.T., see Aachen ... Collaboration 49B (1974) 388
Cochavi, S., J.M. McDonald and D.B. Fossan, The magnetic moment of the 2761 kev 8^+ state in ^{92}Mo 33B (1970) 297
Cocho, G., J. Flores, A relativistic generalization for the form factor of a few-particle system 31B (1970) 639
Cocho, G., M. Gregorio, J. Leon, P. Rotelli, On the need for off-diagonal terms in the hypothesis of generalized vector-meson dominance 48B (1974) 63
Cockburn, P.M., I.S. Grant, A detailed study of the first excited state of ^{8}Be 25B (1967) 111
Cocke, C.L., see P.R. Christensen 22B (1966) 503
Cocke, C.L., see A.B. McDonald 31B (1970) 119
Coghen, T., see J.V. Beaupre 37B (1971) 432
Cohen, B.L., Similarity between neutron and proton single particle states at the same mass number 27B (1968) 271
Cohen, B.L., see R.C. Diehl 30B (1969) 637
Cohen, B.L., An effective $\sigma \times p$ force in nuclear matter 31B (1970) 195
Cohen, D., see G.M. Kalvius 29B (1969) 489
Cohen, D., see S.L. Stone 32B (1970) 515
Cohen, D., see J.W. Chapman 47B (1973) 465
Cohen, D., Some remarks concerning K^0_S and Λ production in high energy proton-proton collisions 47B (1973) 457
Cohen-Ganouna, J., see A. Astier 25B (1967) 294
Cohen-Ganouna, J., see M. Aguilar-Benitez 29B (1969) 62, 241, 379
Cohen, J., see B. Bogdan 41B (1972) 221
Cohen, J., see Barcelona ... collaboration 48B (1974) 467
Cohen, N., see J.P. Nicholson 27B (1968) 452
Cohen, S., R.D. Lawson, J.M. Soper, Concealed configuration mixing and the spectroscopy of the pseudonium nuclei 21B (1966) 306
Cohen-Tannoudji, G., see D. Amati 26B (1967) 510
Cohen-Tannoudji, G., A. Kotański, Ph. Salin, Kinematical singularities in cross-sections and density matrices 27B (1968) 42
Cohen-Tannoudji, G., J.M. Drouffe, P. Moussa, R. Peschanski, New tests of center of mass helicity conservation in diffractive processes 33B (1970) 183
Cohn, H.O., R.D. McCulloch, W.M. Bugg, G.T. Condo, Observation of X^o production in $\pi^+ n$ interactions 21B (1966) 347
Coh, H.O., R.D. McCulloch, W.M. Bugg, G.T. Condo, Exchange mechanism for the reaction: $p + n \rightarrow \Delta^{++} + \Delta^-$ 26B (1967) 598
Cohn, H.O., R.D. McCulloch, W.M. Bugg, G.T. Condo, N. Garrett, L.M. Tucker, Hyperfragment production and decay and the non-mesic absorption rate for stopping K^- mesons in neon 27B (1968) 527
Cohn, H.O., see A.M. Cnops 29B (1969) 45
Cohn, H.O., see W.M. Bugg 31B (1970) 595
Coignet, G., see M. Borghini 21B (1966) 114; 24B (1967) 77; 31B (1970) 405
Coignet, G., see M. Poulet 22B (1966) 636
Coignet, G., see M. Breidenbach 39B (1972) 654
Coker, R., see T. Tamura 30B (1969) 581

Coker, W.R., C.F. Moore, Charge exchange effects in $^{80}Se(d, p)^{81}Se$ 25B (1967) 271
Coker, W.R., see C.F. Moore 25B (1967) 468
Coker, W.R., G.W. Hoffmann, Microscopic form factors for charge exchange reactions to unbound residual states 40B (1972) 81
Coker, W.R., H. Bledsoe, T. Tamura, Total and partial widths of isobaric analog resonances 40B (1972) 164
Coker, W.R., see G.W. Hoffmann 40B (1972) 453; 41B (1972) 47; 47B (1973) 285
Coker, W.R., T. Udagawa, H.H. Wolter, Contribution of single-nucleon transfer reactions to $^{40}Ar(\gamma, t)^{40}K$ 41B (1972) 237
Coker, W.R., J. Lin, J.L. Duggan, P.D. Miller, Multistep contributions to $^{11}B(h, \alpha)^{10}B$ from 8.0 to 12.0 MeV 45B (1973) 321
Coker, W.R., T. Udagawa, H.H. Wolter, Multistep contributions in $^{88}Sr(h, t)^{88}Y$ 46B (1973) 27
Cole, B.J., R. Huby, J.R. Mines, Method of pseudo-bound states for stripping to unbound levels 33B (1970) 320
Cole, B.J., A. Watt, R.R. Whitehead, The Kuo interaction and band shifts in the sd-shell 45B (1973) 429
Cole, B.J., R. Huby, The model-independent analysis of stripping to unbound levels 46B (1974) 55
Cole, B.J., A. Watt, R.R. Whithead, Rotational band shifts in ^{25}Mg and ^{26}Al 49B (1974) 133
Cole Jr., G.W., F.W.K. Firk, T.W. Phillips, Polarization studies of the $^{16}O(\gamma,n)^{15}O$ reaction 30B (1969) 91
Cole Jr., R.K., Dispersion corrections to the levels of muonic atoms 25B (1967) 173
Cole, R.K., see M. Furić 39B (1972) 629
Coleman, E., see R.C. Chase 30B (1969) 659
Coleman, T.P., T.D. Spearman, Ambiguities in K^+p phase-shift analysis 39B (1972) 240
Colglazier, E.W., see R.N. Cahn 43B (1973) 323
Colley, D.C., F. MacDonald, B. Musgrave, W.M.R. Blair, I.S. Hughes, R.M. Turnbull, S.J. Goldsack, K. Paler, L.K. Sisterton, W. Blum, W.W.M. Allison, D.H. Locke, L.Lyons, P.J. Finney, C.M. Fisher, A.M. Segar, Production of a Y_1^* (1700) in K^-p collisions at 6 GeV/c 24B (1967) 489
Colley, D.C., see P.V. Chliapnikov 39B (1972) 279
Colley, D.C., see J.N. Carney 42B (1972) 124
Colli-Milazzo, L., G.M. Marcazzan-Braga, The preformation of α particles in heavy nuclei by the analysis of n, α reactions 38B (1972) 155
Collins, G.B., see L. Criegee 28B (1968) 282
Collins, G.B., see E.W. Anderson 29B (1969) 136
Collins, G.B., see D. Birnbaum 31B (1970) 36, 484
Collins, P.D.B., R.C. Johnson, E.J. Squires, Heavy bosons, Regge trajectories and dynamical theories 26B (1967) 223
Collins, P.D.B., R.C. Johnson, E.J. Squires, Regge poles, Argand diagrams and inelastic resonances 27B (1968) 23
Collins, P.D.B., F.C. Gault, A. Martin, A phenomenological investigation of the pomeron in pp scattering 47B (1973) 171
Collins, P.V., H. Kowalski, H. Römer, H.R. Rubinstein, Photon initiated reactions in the resonance region 44B (1973) 183
Collocci, M., see F. Buccella 24B (1967) 61
Colocci, M., B. Mosconi, P. Ricci, Meson exchange effects in thermal n-p radiative capture 45B (1973) 224
Colobani, P., J.C. Jacmart, N. Poffé, M. Riou, C. Stéphan, J. Tys, Elastic scattering of ^{84}Kr by heavy nuclei 42B (1972) 197
Colombani, P., B. Gatty, J.C. Jacmart, M. Lefort, J. Peter, M. Riou, C. Stéphan, X. Tarrago, Superheavy compound nuclei investigated with in-flight mass spectroscopy 42B (1972) 208

Colobani, P., J.C. Jacmart, N. Poffé, M. Riou, C. Stéphan, P.P. Singh, A. Weidinger, Inelastic scattering of ^{84}Kr from ^{232}Th 48B (1974) 315
Combley, F.H., see H.C. Kirkman 32B (1970) 519
Comfort, J.R., G.C. Morrison, B. Zeidman, H.T. Fortune, Evidence for a $J^{\pi} = 8^{+}$ state in ^{16}O 32B (1970) 685
Comfort, J.R., W.J. Braithwaite, J.R. Duray, H.T. Fortune, W.J. Courtney, H.G. Bingham, Multistep processes in the (d, ^{6}Li) reaction 40B (1972) 456
Comfort, J.R., see R.E. Tribble 44B (1973) 366
Condo, G.T., see H.O. Cohn 21B (1966) 347; 26B (1967) 598; 27B (1968) 527
Condo, G.T., see A.M. Cnops 29B (1969) 45
Condo, G.T., see W.M. Bugg 31B (1970) 595
Conetti, S., see F. Bradamante 28B (1968) 191; 44B (1973) 202
Conforto, B., see C. Defoix 28B (1968) 353
Conforto, G., see W.E. Cleland 26B (1967) 45
Conforto, G., M.A. Kramer, D. Underwood, R.M. Mobley, A.W. Key, R. Prepost, D.H. Tompkins, M.S. Witherell, Missing mass analysis of the A_2^- at 6.0 GeV/c 45B (1973) 154
Conjeaud, M., see G. Bassani 22B (1966) 189
Conjeaud, M., S. Harar, J. Picard, A possible process for core excitation in even single closed shell nuclei 23B (1966) 104
Conlon, T.W., Isomeric transitions in ^{43}Sc and ^{46}V 24B (1967) 661
Conta, C., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Conta, C., see F.J. Hasert 46B (1973) 121, 138
Conte, F., G. Tomasini, P. Dittmann, G. Drews, P. Von Handel, H. Nagel, L. Mandelli, S. Ratti, A. Silvestri, G. Vegni, P. Daronian, A. Daudin, C. Kochowski, C. Lewin, Structures in the 4π mass systme in the reaction $\pi^- p \to p\pi^-\pi^+\pi^-\pi^0$ at 11 GeV/c 22B (1966) 702
Contogouris, A.P., A model for elastic scattering at high energy and large momentum transfer 23B (1966) 698
Conversi, M., see B. Borgia 35B (1971) 340
Conversi, M., see F. Ceradini 42B (1972) 501; 43B (1973) 341; 47B (1973) 80
Conversi, M., S. D'Angelo, R. Gatto, L. Paoluzi, Limits to possible scalar-boson mass and coupling from e^+e^- collisions 46B (1973) 269
Conversi, M., see S. Orito 48B (1974) 165
Conway, A.P., see W. Gajewski 21B (1966) 673; 23B (1966) 152
Conway, P.D., Current algebras and the decay $\omega \to \pi^+\pi^-\gamma$ 24B (1967) 59
Conze, M., H. Feldmeier, P. Manakos, Special non-central forces for sd-shell nuclei 43B (1973) 101
Conzett, H.E., see R.J. Slobodrian 27B (1968) 405
Conzett, H.E., see C.R. Lamontagne 45B (1973) 465
Cook, B.C., D.W. Anderson, T.J. Englert, Experimental evidence for low lying shells from photonuclear cross sections 26B (1967) 341
Cook, D.D., see F.C. Zawislak 30B (1969) 541
Cookson, J.A., A search for the ^{3}He(p, n)3p reaction 22B (1966) 612
Cookson, J.A., Energy levels of ^{54}Co and ^{58}Cu 24B (1967) 570
Cookson, J.A., The ^{13}C(d, n)^{14}B reaction 27B (1968) 619
Cool, R.L., see R.J. Abrams 30B (1969) 564
Cool, R.L., see F.W. Büsser 46B (1973) 471; 48B (1974) 371, 377
Coon, D.D., Uniqueness of the Veneziano representation 29B (1969) 669
Coon, D.D., U.P. Sukhatme, J. Tran Thanh Van, Duality and proton-proton scattering at all angles 45B (1973) 287
Coon, D.D., see M. Arik 48B (1974) 141

Cooper, A., see J. Mott 23B (1966) 171
Cooper, J., see J.W. Chapman 47B (1973) 465
Cooper, J., see J.W. Chapman 47B (1973) 465
Cooper, W.A., see T. Fields 40B (1972) 503
Cooper, W.A., see C. Baltay 42B (1972) 129
Copley, L.A., G. Karl, E. Obryk, Backward single pion photoproduction and the symmetric quark model 29B (1969) 117
Corbett, I.F., see D.R. Botterill 31B (1970) 325
Cordaillat, A., see B. Bogdan 41B (1972) 221
Cords, D., see P. Brauel 45B (1973) 389; 50B (1974) 507
Cork, B., see E.F. Parker 31B (1970) 246, 250
Cornell, J.C., see N. Anyas-Weiss 45B (1973) 231; 47B (1973) 442
Cornell, J.C., see D. Strottman 47B (1973) 16
Cornelssen, M., see H. Braun 47B (1973) 182, 185
Cornille, H., A. Martin, Pomeranchuk hypothesis for inelastic reactions 39B (1972) 223
Cornille, H., A. Martin, A "Pomeranchuk" theorem for elastic diffraction peaks 40B (1972) 671
Corrigan, E.F., P. Goddard, The off-mass shell physical state projection operator for the dual resonance model 44B (1973) 502
Cortellessa, G., see U. Amaldi Jr. 22B (1966) 593
Cortellessa, G., see U. Amaldi 25B (1967) 24
Cortes, A., C. Marty, Shell-model bound state calculations including continuous spectra 38B (1972) 211
Cosenza, G., A. Sciarrino, M. Toller, A class of group-theoretical solutions of the general conspiracy problem 27B (1968) 398
Cosman, E.R., H.A. Enge, A. Sperduto, Study of low-lying isobaric analogue states of ^{89}Sr 22B (1966) 195
Cosme, C., see D. Benaksas 39B (1972) 289; 42B (1972) 507, 511
Cosme, G., B. Jean-Marie, S. Jullian, F. Laplanche, J. Lefrançois, A.D. Liberman, G. Parrour, J.P. Repellin, G. Sauvage, G. Szklarz, Hadronic production of e^+e^- collisions at the energy 990 MeV with the Orsay storage ring 40B (1972) 685
Cosme, G., B. Jean-Marie, S. Jullian, F. Laplanche, J. Lefrancois, A.D. Liberman, G. Parrour, J.P. Repellin, G. Sauvage, $\pi^+\pi^-\pi^0$ and $\pi\pi\gamma$ production by e^+e^--annihilation in the ϕ energy range with the Orsay storage ring 48B (1974) 155
Cosme, G., B. Jean-Marie, S. Jullian, F. Laplanche, J. Lefrançois, G. Parrour, $K_S^0K_L^0$ production by e^+e^- annihilation at ϕ energy 48B (1974) 159
Cosper, S.W., H. Brunnader, J. Cerny, R. L. McGrath, Energy dependence of ^{26}Mg (p, t)^{24}Mg and ^{12}C(p, t)^{10}C L=0 and L=2 angular distribution shapes 25B (1967) 324
Costa, J.G., see G.C. Ball 49B (1974) 33
Cote, R.E., see R.A. Carrigan Jr. 27B (1968) 622
Cotorobai, F., see E. Balea 46B (1973) 389
Cottereau, M., see J. Banaigs 43B (1973) 535; 45B (1973) 394, 535
Cotteron, J., see H. Benz 28B (1968) 233
Cottingham, W.N., see L. Brink 37B (1971) 192
Cottingham, W.N., see R. Vinh Mau 44B (1973) 1
Cotton, B., see R.A. Lindgren 37B (1971) 358
Couch, R.G., F.G. Perey, J.A. Biggerstaff, K.K. Seth, Isobaric spin dependence in proton transfer reactions 29B (1969) 657
Coulson, L., see P.J. Castleberry 34B (1971) 57
Coulson, L., see N.D. Gabitzsch 47B (1973) 234
Counihan, M.J., see J.V. Beaupré 34B (1971) 160

Counihan, M.J., S.J. Goldsack, G. Otter, The connection between elastic scattering and diffraction dissociation in a dual diffractive model 37B (1971) 81
Counihan, M.J., see Aachen ... Collaboration 49B (1974) 388
Coupat, B., see J. Duclos 43B (1973) 245
Coupland, M., see B.J. Charles 40B (1972) 289
Courant, H.W.J., see R.C. Chase 30B (1969) 659
Court, G.R., see P.S.L. Booth 38B (1971) 339
Courtney, W.J., C.F. Moore, Measurements of ^{90}Zr, ^{96}Zr, ^{98}Mo(p, p′, e) through isobaric analog resonances 31B (1970) 131
Courtney, W.J., see J.R. Comfort 40B (1972) 456
Courtney, W.J., H.T. Fortune, Configuration mixing in ^{90}Zr and the lifetime of the excited 0^+ state 41B (1972) 4
Coussement, R., see L. Van Nest 23B (1966) 122
Covan, J.M., see C.A. Pearson 35B (1971) 461
Covello, A., V.R. Manfredi, The quadrupole quintet in ^{57}Co 34B (1971) 584
Cowan, C.L., see D.F. Ryan 21B (1966) 475
Cowan, C.L., see G.L. Buckwalter 21B (1966) 478
Cowan, I.M., see A.T. Lea 29B (1969) 584
Cowan, I.M., see B.J. Charles 40B (1972) 289
Coward, D.H., see J. Litt 31B (1970) 40
Cowley, A.A., G. Heymann, Cluster-model interpretation of resonances in α-particle elastic scattering 30B (1969) 618
Cowley, A.A., see H.G. Pugh 46B (1973) 192
Cowski, R., see N. Lund 31B (1970) 553
Cox, B., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Cox, B., see C.Y. Chien 33B (1970) 627; 35B (1971) 261
Cox, B., see J. Anderson 45B (1973) 521
Cox, B., see E. Dally 41B (1972) 647
Cox, C.R., see J. Rohlin 40B (1972) 539
Cox, J., see B.W. Allardyce 41B (1972) 577
Cozzika, G., see A. De Lesquen 40B (1972) 277
Cozzika, G., Y. Ducros, A. Gaidot, A. De Lesquen, J.P. Merlo, L. Van Rossum, The pion-nucleon scattering amplitudes at 6 GeV/c and 16 GeV/c 40B (1972) 281
Cozzika, G., see J. Deregel 43B (1973) 338
Cozzika, G., see C. Bruneton 44B (1973) 471
Cracow, see Bombay-CERN- Crawcow Collaboration 36B (1971) 611
Craig, R., E. Mamidzhanian, A.W. Wolfendale, Ancient cosmic ray tracks in mica? 26B (1967) 468
Craig, R.M., B. Hird, C.J. Kost, T.Y. Li, The (p, α) reaction mechanism at 45 MeV 21B (1966) 177
Craigie, N.S., J. Körner, I.O. Stamatescu, A non-relativistic model for pp/dπ^+ polarization 42B (1972) 404
Craigie, N.S., G. Preparata, ISR rising cross section and finite energy effects in the pomeranchuk mechanism 45B (1973) 487
Craigie, N.S., K.D. Rothe, Multi-pion production in a cascade model for e^+e^- annihilation 49B (1974) 99
Cramer, J.G., see P. Von Brentano 26B (1967) 448
Cramer, J.G., see D.M. Patterson 27B (1968) 373
Cramer, J.G., N.F. Mangelson, A measurement of the ^{35}Cl(p, n)^{35}Ar threshold and its revelance to the vector coupling constant 27B (1968) 507
Cramer, J.G., see W.R. Wharton 30B (1969) 33
Cramer, J.G., see W.J. Braithwaite 38B (1972) 67
Crannell, H.L., see R.F. Frosch 24B (1967) 54

Craven, B., see P.S.L. Booth 38B (1972) 339
Crawford, J.F., see E.H. Bellamy 39B (1972) 299
Crawford, J.F., see N.H. Lipman 43B (1973) 89
Crawley, G.M., D.L. Powell, B.V. Narashima Rao, Proton proton bremsstrahlung at 10.5 MeV 26B (1967) 576
Crawley, G.M., see S.M. Austin 27B (1968) 570
Crawley, G.M., S.M. Austin, W. Benenson, V.A. Madsen, F.A. Schmittroth, M.J. Stomp, Evidence for a tensor effective two-body interaction in the $^{14}N(p, p')$ 2.31 MeV excitation 32B (1970) 92
Crean, P.A., see M.G. Hauser 35B (1971) 252
Cremmer, E., A. Neveu, Divergences and renormalization in multiloop dual diagrams 33B (1970) 356
Crennell, D.J., U. Karshon, K.W. Lai, J.M. Scarr, I.O. Skillicorn, Production of the g(1640) meson in πp interactions at 6 GeV/c 28B (1968) 136
Crennell, D.J., H.A. Gordon, Kwan-Wu Lai, J.M. Scarr, Study of the A_2^- from the reaction $\pi^- p \to K_3^0 K^- p$ at 4.5 GeV/c 35B (1971) 185
Crewther, R.J., Broken scale invariance and the width of a single dilation 33B (1970) 305
Criegee, L., M. Garrell, H. Sadrozinski, U. Timm, W. Zimmermann, Collimation tests on a coherent photon beam from a silicon target 28B (1968) 140
Criegee, L., M.H. Garrell, C. Gottfried, A. Krolzig, G. Loeffler, A. Saulys, K.P. Schüler, U. Timm, W. Zimmermann, H. Werner, G.B. Collins, P.W. Dougan, E. Von Goeler, R.A. Carrigan Jr., Rho production with polarized photons 28B (1968) 282
Criegee, L., see G. Buschhorn 37B (1971) 207, 211
Crijns, F., M. Deutschmann, P. Schmitz, H. Weber, W. Woischnig, C. Grote, J. Klugow, S. Nowak, A. Pose, D. Pose, A. Bialas, S. Brandt, V.T. Cocconi, O. Czyzewski, P.F. Dalpiaz, E. Flaminio, H. Hromadnik, G. Kellner, D.R.O. Morrison, Decay angular distributions of resonances in two-body reactions produced by 8 GeV/c positive pions on protons 22B (1966) 533
Crispeels, J.M., see Y. Goldschmidt-Clermont 27B (1968) 602
Cristallini, A., see A. Bertin 38B (1972) 260
Cristofori, F., see A. Cesati 21B (1966) 331
Critchley, T.A., W.R. Phillips, Deformed states in ^{43}Sc: The lifetime of the 472 keV level 25B (1967) 328
Crittenden, R.R., see H.J. Martin Jr. 22B (1966) 352
Crittenden, R.R., see K.F. Galloway 27B (1968) 250
Croissiaux, M., see M. Banner 44B (1973) 532; 41B (1972) 547
Cronenberger, D., see M. Poulet 22B (1966) 636
Cronenberger, D., see M. Borghini 31B (1970) 405; 36B (1971) 493, 497, 501
Cronin, J.W., see P. Basile 26B (1967) 542; 28B (1968) 58
Cronström, C., see M. Noga 29B (1969) 442
Cronström, C., Zeroes of the pion factor 49B (1974) 283
Crowe, K.M., see T. Maung 33B (1970) 521
Crozier, D.J., H.T. Fortune, R. Middleton, J.L. Wiza, B.H. Wildenthal, Spins of states in ^{19}O near 2.7 MeV excitation 41B (1972) 291
Crozier, D.J., H.T. Fortune, R. Middleton, S. Hinds, The $(1f_{7/2})^2$ states in ^{34}S 46B (1973) 189
Crozon, M., see J. Oostens 22B (1966) 708
Crozon, M., see P. Chavanon 28B (1968) 296
Crozon, M., see J.M. Abillon 32B (1970) 712
Crozon, M., see A. Brabson 42B (1972) 283, 287
Cruz, A., see W.W. M. Allison 25B (1967) 619
Csejthey-Barth, M., see H. Braun 47B (1973) 182, 185
Csikai, J., see I. Angeli 29B (1969) 36

Csikor, F., Consistency of broken chiral symmetry and Veneziano models 31B (1970) 141
Csikor, F., I. Montvay, F. Niedermayer, The number of neutral pions and fireballs with quark quantum numbers 49B (1974) 47
Csonka, P., Storage rings for π+p, etc., scattering 25B (1967) 423
Csonka, P.L., Are photon-photon scattering experiments feasible? 24B (1967) 625
Cue, N., see R. Heffner 26B (1967) 150
Cue, N., see E. Abramson 38B (1972) 70
Cüer, P., see A. Fridman 21B (1966) 462; 23B (1966) 386
Cüer, P., see A. Bechdolff 26B (1967) 174
Cüer, P., see Barcelona ... collaboration 48B (1974) 467
Cullen, M., P. Darriulat, J. Deutsch, H. Foeth, C. Grosso, M. Holder, K. Kleinknecht, E. Radermacher, C. Rubbia, D. Shambroom, M. Sciré, A. Staude, K. Tittel, A. Precision determination of the K_L - K_S mass difference 32B (1970) 523
Culligan, G., see D.R. Botterill 31B (1970) 325
Cundy, D.C., see R. Arnold 28B (1968) 56
Cundy, D.C., see I.A. Budagov 28B (1968) 215
Cundy, D.C., see I. Budagov 29B (1969) 524; 30B (1969) 364
Cundy, D.C., G. Myatt, F.A. Nezrick, J.B.M. Pattison, D.H. Perkins, C.A. Ramm, W. Venus and H.W. Wachsmuth, Upper limits for diagonal and neutral current couplings in the CERN neutrino experiments 31B (1970) 478
Cundy, D.C., see H.J. Steiner 36B (1971) 521
Cundy, D.C., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Cundy, D.C., see F.J. Hasert 46B (1973) 121, 138
Cundy, D.C., see H. Braun 47B (1973) 182, 185
Cung, V.K., see R.W. Brown 43B (1973) 403
Cuninghame, J.G., see P.G. Hansen 24B (1967) 95
Currie, W.M., J.E. Evans, Levels in ^{33}P 24B (1967) 399
Currie, W.M., L.G. Earwaker, J. Martin, A.K. Sen Gupta, Lifetimes in ^{33}P and ^{31}P 28B (1968) 480
Curtin, D.J., see D.F. Ryan 21B (1966) 475
Cushing, J.T., Asymptotic $\pi^- p \to \pi^0 n$ and $\pi^- p \to \eta n$ cross sections from separability and unitarity 25B (1967) 339
Cusson, R.Y., A Schrödinger equation exhibiting both rotational invariance and broken SU(3) symmetry 22B (1966) 78
Cusson, R.Y., see E.G. Bilpuch 35B (1971) 303
Cusson, R.Y., see H.C. Lee 39B (1972) 453
Cusson, R.Y., see L.C. Biedenharn 42B (1972) 257
Czachowska, A., see E.V. Anzon 31B (1970) 237, 241
Czachowska, Z., see M.G. Antonova 39B (1972) 282, 285
Czachowska, Z., see J. Babecki 40B (1972) 507; 47B (1973) 268
Czejthey-Barth, M., see W. Schweinberger 36B (1971) 246
Czibók, T., see Gy. Hrehuss 28B (1968) 585
Czibók, T., Gy. Hrehuss, I. Kovács, L. Nagy, I. Vinnay, Measurements on the differential cross section of n-p scattering below 3 MeV 29B (1969) 105
Czock, K.-H., see J. Ahrens 31B (1970) 570
Czyż, W., L. Leśniak, Elastic scattering of very high energy particles from nuclei 24B (1967) 227
Czyż, W., L. Leśniak, Scattering of high energy electrons and nucleons from ^{4}He and nucleon-nucleon correlations 25B (1967) 319
Czyż, W., L.C. Maximon, High energy scattering of strongly interacting composite particles 27B (1968) 354

Czyżewski, O., see A. Białas 21B (1966) 572; 35B (1971) 576
Czyżewski, O., see S. Brandt 22B (1966) 109; 22B (1966) 230
Czyżewski, O., see M. Deutschmann 22B (1966) 112
Czyżewski, O., see F. Crijns 22B (1966) 533
Czyżewski, O., see J. Bartke 24B (1967) 118, 163
Czyzewski, O., M. Szeptycka, On the energy dependence of the effect of angular correlations in $p\bar{p}$ annihilations 25B (1967) 482
Czyżewski, O., see E.V. Anzon 31B (1970) 241
Czyżewski, O., see P. Chliapnikov 35B (1971) 581
Czyżewski, O., see P.V. Chliapnikov 36B (1971) 235
Czyżewski, O., see J. Babecki 40B (1972) 507

Daboul, J., Are the residues of interaction poles in the N/D method a right measure of the forces? 23B (1966) 592
Dabrowski, J., see J. Borysowicz 24B (1967) 125,549
Dabrowski, J., M. Dworzecka, Binding energy of ^{3}H with tensor forces and hard shell repulsion 28B (1968) 4
Dabrowski, J., M.Y.M. Hassan, Binding energy of a Λ particle in nuclear matter with tensor ΛN interaction 31B (1970) 103
Dabrowski, J., P. Haensel, Spin and isospin dependence of the single-particle potential in nuclear matter 42B (1972) 163
Dabrowski, J., On the effect of $\Lambda\Sigma$ conversion on the Λ particle binding energy in nuclear matter 47B (1973) 306
Dado, S., A. Engler, R.W. Kraemer, S. Toaff, F. Weisser, J. Diaz, F. DiBianca, W. Fickinger, D.K. Robinson, Backward production of ρ^0 and f^0 mesons in π^+n interactions at 6 GeV/c 50B (1974) 275
Dagan, S., see R. Davis 27B (1968) 532
Dagliani, M.G., see N. Armenise 25B (1967) 53; 26B (1967) 336
D'Agostino-Bruno, M., see A. Bertin 38B (1972) 260; 41B (1972) 201; 42B (1972) 493
Dahl, O.I., see J.S. Danburg 30B (1969) 270
Dahl, O.I., see J.E. Nelson 47B (1973) 281
Dahlblom, T.K., see D.W.L. Sprung 21B (1966) 538; 23B (1966) 491
Dahlblom, T.K., see A.M. Green 31B (1970) 189
Dahlblom, T.K., A.M. Green, Bremsstrahlung from low energy p-p scattering 41B (1972) 23
Dahlgren, S., B. Höistad, P. Grafström, Positive pion production in nuclear reactions induced by 185 MeV protons 35B (1971) 219
Dahlgren, S., P. Grafström B. Höistad, A. Åsberg, Pion production on ^{13}C by 185 MeV protons 47B (1973) 439
Dahmen, H.D., K.D. Rothe, B. Stech, Local approximation to field and current commutators 34B (1971) 83
Dahmen, H.D., D. Gromes, K.D. Rothe, B. Stech, Local and unitary approximation to commutators 35B (1971) 335
Dahmen, H.D., F. Steiner, Relation between deep inelastic scattering and annihilation 43B (1973) 217
Dahmen, H.D., F. Steiner, A resonance model for deep inelastic electron proton scattering and electron positron annihilation 43B (1973) 521
Dahmen, H.D., F. Steiner, Unitarity relation for deep inelastic scattering 48B (1974) 55
Dairiki, N.T., see T. Maung 33B (1970) 521
Dakhno, L.G., see V.V. Anisovich 42B (1972) 224
Dakin, J.T., M.G. Hauser, M.N. Kreisler, R.E. Mischke, J.J. Ritsko, An experimental study of ω neutral decays 36B (1971) 607
Dakowski, M., see J. Chwaszczewska 24B (1967) 87
Dakowski, M., J. Chwaszczewska, T. Krogulski, E. Piasecki, M. Sowinski, Energy spectra of long range particles from the thermal neutron fission of ^{235}U 25B (1967) 213
Dakowski, M., see E. Piasecki 33B (1970) 568
Dakowski, M., Implications of the hypothesis of extinct fissioning isotope in the primitive meteorites 35B (1971) 557
Dalafi, H.R., B. Banerjee, H.J. Mang, P. Ring, "Back-bending" in rotational spectra and particle number projection 44B (1973) 327
Dalgliesh, S.M., see W. Booth 30B (1969) 335
Dalkarov, O.D., On the mechanism of the reaction ^{12}C(π^-,π^-n)^{11}C 26B (1967) 610

Dalkarov, O.D., I.S. Shapiro, On the mechanism of the double π-meson charge exchange on nuclei and on the existence of "isonuclei" 26B (1967) 706
Dalkhazhav, N., see E.V. Anzon 31B (1970) 237,241
Dalkhazhav, N., see M.G. Antonova 39B (1972) 282,285
Daliman, D., see J.V. Beaupré 34B (1971) 160
Dallman, D.P., see J. Bartsch 22B (1966) 357; 27B (1968) 336; 28B (1968) 439
Dallman, D.P., see M. Aderholz 24B (1967) 434
Dally, E., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Dally, E., see C.-Y. Chien 33B (1970) 627; 35B (1971) 261
Dally, E., P. Innocenti, E. Seppi, C.-Y. Chien, B. Cox, L. Ettlinger, L. Resvanis, R.A. Zdanis, C.D. Buchanan, D.J. Drickey, F.D. Rudnick, P.F. Shepard, D.H. Stork, H.K. Ticho, A study of the strong interaction form factors for $K_L^0 \to \pi\mu\nu$ and $K_L^0 \to \pi e\nu$ 41B (1972) 647
Dally, E.B., see R.W. Berard 47B (1973) 355
Dally, E.B., see A.A. Derevchekov 48B (1974) 367
D'Almagne, B., see C. Baglin 47B (1973) 85, 89
Dalpiaz, P., see A. Alberigi Quaranta 25B (1967) 429
Dalpiaz, P., see M. Basile 38B (1972) 117
Dalpiaz, P., P.L. Frabetti, T. Massam, F.L. Navarria, A. Zichichi, Measurement of the branching ratio $\Gamma(X^0 \to \gamma\gamma)/\Gamma(X^0 \to \text{total})$ 42B (1972) 377
Dalpiaz, P.F., see S. Brandt 22B (1966) 109,230
Dalpiaz, P.F., see M. Deutschmann 22B (1966) 112
Dalpiaz, P.F., see J. Bartsch 22B (1966) 357
Dalpiaz, P.F., see F. Crijns 22B (1966) 533
Dalpiaz, P.F., see J.V. Beaupré 34B (1971) 160; 40B (1972) 510
Dalton, B.J., Classical electrodynamics as properties of momentum space 32B (1970) 211
Damerell, C.J.S., see J. Orear 28B (1968) 61
Damgaard, G., see H. Benz 28B (1968) 233
Damgaard, G., see R. Baud 30B (1969) 129; 31B (1970) 397,401,549
Damgaard, G., see Y.M. Antipov 40B (1972) 147
Damgaard, G., see B. Alper 44B (1973) 521,523; 46B (1973) 265; 47B (1973) 75,275
Damgaard, J., see G.F. Bertsch 23B (1966) 342
Damgaard, J., A. Winther, Use of conserved vector current theory in first forbidden β-decay 23B (1966) 345
Damgaard, J., A. Faessler, Influence of Coriolis anti-pairing and alignment on the rotational states in nuclei 43B (1973) 157
Danburg, J.S., M.A. Abolins, R.C. Brower, O.I. Dahl, D.W. Davies, P.L. Hoch, J. Kirz, D.H. Miller, R.K. Rader, $\pi^+ n \to \eta p$: A Regge parametrization over a large energy range using Veneziano-type residue functions 30B (1969) 270
Dance, D.R., G. Shaw, The Harari model and the forward pion nucleon scattering amplitude 28B (1968) 182
D'Andlau, Ch., see M. Aguilar-Benitez 29B (1969) 241,379
D'Angelo, S., see F. Ceradini 43B (1973) 341; 47B (1973) 80
D'Angelo, S., see M. Conversi 46B (1973) 269
D'Angelo, S., see S. Orito 48B (1974) 165
Daniel, G., see G. Backenstoss 25B (1967) 365,547
Daniel, H., H. Koch, G. Poelz, H. Schmitt, L. Tauscher, G. Backenstoss, S. Charalambus, Condensed-state effects in muonic X-ray spectra 26B (1967) 281
Daniel, H., see G. Poelz 26B (1967) 331
Daniel, H., see H. Schmitt 27B (1968) 530

Daniel, H., see O. Dragoun 28B (1968) 251
Daniel, H., see H. Koch 28B (1968) 279; 29B (1969) 140
Daniel, H., see G. Backenstoss 31B (1970) 233; 36B (1971) 403,422; 43B (1973) 539
Daniel, H., see F.J. Hartman 43B (1973) 287
Daniel, H., H.-J. Pfeiffer, K. Springer, Search for μ^- transfer from He to A in gas at 620 atm 46B (1973) 129
Daniel, H., see H. Hofmann-Reinecke 47B (1973) 494
Daniel, H., H.-J. Pfeiffer, K. Springer, P. Stoeckel, G. Backenstoss, L. Tauscher, Electric charge radius of ^{36}A 48B (1974) 109
Danielian, V.D., see L.O. Abrahamian 38B (1972) 544
Danielsson, O., see H. Bøggild 30B (1969) 369
Danilchenko, I., see O. Balea 39B (1972) 571
Danilchenko, I., see F.J. Hasert 46B (1973) 138
Danilov, G.S., Dispersion approach to the investigation of the weak nucleon-nucleon interaction 35B (1971) 579
Danilov, G.S., see A.A. Anselm 37B (1971) 84
Danilyan, G.V., see M.I. Bulgakov 42B (1972) 351
Danos, M., see H.G. Wahsweiler 23B (1966) 257
Danos, M., see H. Arenhövel 28B (1968) 299; 31B (1970) 109
Danos, M., see J.A. Shah 28B (1968) 381
Danos, M., see K. Chung 29B (1969) 265; 32B (1970) 536
Danos, M., V. Gillet, Evidence for quartet structure in medium and heavy nuclei 34B (1971) 24
Danysz, J.A., see J. Bartke 24B (1967) 118,163
Danysz, J.A., B.R. French, J.B. Kinson, V. Simak, J. Clayton, P. Mason, H. Muirhead, P. Renton, Evidence for the existence of mesons decaying to four pions 24B (1967) 309
Danysz, M., see M. Bardadin-Otwinsowska 21B (1966) 357
Dao, F.T., see W.E. Dorenbusch 26B (1967) 148
Dao, F.T., D. Gordon, J. Lach, E. Malamud, J. Schivell, T. Meyer, R. Poster, P.E. Schlein, W.E. Slater, pp Interactions at 303 GeV/c: Production angle distribution 45B (1973) 73
Dao, F.T., D. Gordon, J. Lach, E. Malamud, J. Schivell, T. Meyer, R. Poster, P.E. Schlein, W.E. Slater, pp Interactions at 303 GeV/c: Analysis of diffraction excitation in the reaction pp → pX 45B (1973) 399
Dao, F.T., D. Gordon, J. Lach, E. Malamud, J. Schivell, T. Meyer, R. Poster, P.E. Schlein, W.E. Slater, pp Interactions at 303 GeV/c: Separation of diffractive and non-diffractive components of the multiplicity distribution 45B (1973) 402
Dao, F.T., J. Lach, J. Whitmore, Study of charged multiplicity distributions in high energy particle collisions 45B (1973) 513
Dao, F.T., J. Whitmore, Study of neutral-charged particle correlations in high energy collisions 46B (1973) 252
Dao, F.T., see T. Ludham 48B (1974) 449
Da Providência, J., Note on the groundstate wave function in random phase approximation 21B (1966) 668
Da Providência, J., A random phase approximation ground state in agreement with the conservation laws 22B (1966) 478
Da Providência, J., Note on the convergence of the Beliaev-Zelevinsky expansion 28B (1968) 82
Da Providência, J., Odd nuclei, the particle-phonon interaction and the conservation laws 28B (1968) 88

Da Providência, J., see Y. Abgrall 43B (1973) 165
Dar, A., V.F. Weisskopf, Quark model results from Weinberg's spectral functions sum rules 26B (1968) 670
Dar, A., T.L. Watts, V.F. Weisskopf, Peripheral model predictions for π^0 and η^0 photoproduction 30B (1969) 264
Dar, A., Z. Kirzon, Simple explanation of elastic scattering of heavy ions 37B (1971) 166
Darcey, W., A.F. Jeans, K.N. Jones, Particle configurations in ^{207}Pb 25B (1967) 599
Darcey, W., see A.F. Jeans 27B (1968) 431
Darcey, W., see R.K. Jolly 28B (1968) 546
Darcey, W., see W. McLatchie 30B (1969) 529
Darcey, W., see J.E. Kitching 32B (1970) 343
Darley, H.M., see R. Schrils 29B (1969) 291
Daronian, P., see F. Conte 22B (1966) 702
Darriulat, P., see J. Arvieux 22B (1966) 439
Darriulat, P., see A. Böhm 27B (1968) 321,594
Darriulat, P., J.P. Deutsch, K. Kleinknecht, C. Rubbia, K. Tittel, Experimental evidence against particle mixture models of CP violation 29B (1969) 132
Darriulat, P., see H. Faissner 30B (1969) 204
Darriulat, P., K. Kleinknecht, C. Rubbia, J. Sandweiss, H. Foeth, A. Staude, K. Tittel, M.I. Ferrero, C. Grosso, On the phase of $\eta_{+-} = A(K_L \to \pi^+\pi^-)/A(K_S \to \pi^+\pi^-)$ 30B (1969) 209
Darriulat, P., see H. Foeth 30B (1969) 276,282; 31B (1970) 544
Darriulat, P., see M. Cullen 32B (1970) 523
Darriulat, P., M.I. Ferrero, C. Grosso, M. Holder, J. Pilcher, E. Radermacher, C. Rubbia, M. Scirè, A. Staude, K. Tittel, Search for $K_L \to \mu^+\mu^-$ decay 33B (1970) 249
Darriulat, P., C. Grosso, M. Holder, J. Pilcher, E. Radermacher, C. Rubbia, M. Scirè, A. Staude, K. Tittel, Observation of $K_L - K_S$ regeneration from liquid hydrogen 33B (1970) 433
Darriulat, P., see M. Holder 35B (1971) 355,361; 36B (1971) 400; 40B (1972) 141
Darriulat, P., see V. Bisi 36B (1971) 533
Darriulat, P., see G. Barbiellini 39B (1972) 294,663; 43B (1973) 529
Das, T., L.K. Pandit, P. Roy, Light cone constraints and two asymptotic domains in lepton-nucleon and meson-nucleon scattering 44B (1973) 76
Das, T.K., see A. Klein 31B (1970) 333
Das, T.K., R.M. Dreizler, A. Klein, Theoretical foundation of variable moment of inertia models 34B (1971) 235
Dasaeva, M., see O. Balea 39B (1972) 571
Dasaeva, M., see Alma ... collaboration 48B (1974) 277
Das Gupta, S., see N. De Takacsy 33B (1970) 556
Das Gupta, S., see K. Ananthanarayanan 37B (1971) 143
Das Gupta, S., see R.K. Bhaduri 47B (1973) 129
Dash, J.W., Diffraction, the bare pomeron, and the multifireball expansion 49B (1974) 81
Dashen, R., Y. Frishman, Thirring model with U(n) symmetry: scale invariant only for fixed values of a coupling constant 46B (1973) 439
Dashen, R., J.T. Manassah, Pion phase transition in chiral symmetry breaking model 50B (1974) 460
Da Silveira, R., Rainbow interference effects in heavy ion elastic scattering 45B (1973) 211
Da Silveira, R., On the determination of the effective barrier in heavy ion collisions 50B (1974) 237
Dass, G.V., M. Ross, Wide angle pairs produced in πN interactions 24B (1967) 175
Dass, G.V., J. Froyland, F. Halzen, A. Martin, C. Michael, S.M. Roy, Bounds on polarization in πN scattering from isotopic spin invariance 36B (1971) 339

Dass, G.V., J. Froyland, F. Halzen, A. Martin, C. Michael, S.M. Roy, Erratum 38B (1972) 188
Dass, G.V., L. Wolfenstein, *CP* non-invariance and the $K_S \to \mu^+\mu^-$ decay rate 38B (1972) 435
Dass, G.V., Determining the $K_s \to 3\pi$ amplitude in $\bar{p}p$ (or e^+e^-) $\to K^0K^0$ 49B (1974) 181
Dass, T., Broken chiral SU(3) × SU(3) symmetry and the Cabibbo angle 37B (1971) 75
Dau, W.D., see O.C. Allkofer 31B (1970) 606; 36B (1971) 425; 38B (1972) 439
Dauber, P.M., P.E. Schlein, W.A. Slater, D.H. Stork, H.K. Ticho, Analysis of the $K^-+p \to \Sigma^-+\pi^+$ reaction from 1.7 to 2.0 GeV/*c* 23B (1966) 154
Dauber, P.M., E.I. Malamud, P.E. Schlein, W.E. Slater, D.H. Stork, $Y_0^*(1520)$ mass, width and decay fractions 24B (1967) 525
Dauber, P.M., see C.-Y. Chien 25B (1967) 426; 28B (1968) 143
Dauber, P.M., P. Hoch, R.J. Manning, D.M. Siegel, M.A. Abolins, G.A. Smith, Observation of forward peaks in single-meson-exchange forbidden reactions 29B (1969) 609
Daudin, A., see F. Conte 22B (1966) 702
Daugeras, B., R. Huson, H.J. Lubatti, J. Six, J.J. Veillet, H. Annoni, K. Moriyasu, M. Rollier, H.H. Bingham, C.W. Farwell, W.B. Fretter, Coherent production of $\pi^-\pi^0\pi^0$ final states from nuclei at 16 GeV/*c* 27B (1968) 332
Daum, C., see S. Andersson 28B (1968) 611; 30B (1969) 56
Daum, C., C. Michael, C. Schmid, Ambiguities in Regge analysis and comparison with phase shifts 31B (1970) 222
Daum, C., see F. Bradamante 44B (1973) 202
D'Auria, E. Napolitano, G. Soliani, A. Molinari, Application of the chiral algebra to the pion-nucleus elastic scattering 29B (1969) 285
Davidenko, G.V., see V.V. Barmin 33B (1970) 377; 35B (1971) 604; 46B (1973) 465; 47B (1973) 463
Davids, C.N., see A.B. McDonald 31B (1970) 119
Davidson, M.G., A note on parity and the asymmetric top model 22B (1966) 596
Davidson, W.F., see R.M. Lieder 39B (1972) 196; 49B (1974) 161
Davidson, W.F., see H. Beuscher 40B (1972) 449
Davier, M., ρ and ω leptonic decays in photoproduction 27B (1968) 27
Davier, M., I. Derado, D. Drickley, D. Fries, R. Mozley, A. Odian, F. Villa, D. Yount, Photoproduction of vector mesons with a 16 GeV bremsstrahlung beam 28B (1968) 619
Davier, M., H. Harari, Elastic $K^{\pm}p$ scattering and a dual absorptive model 35B (1971) 239
Davier, M., see V. Chabaud 38B (1972) 441,445,449; 41B (1972) 209
Davier, M., Pomeron and f exchange amplitudes in elastic $\pi^{\pm}p$ scattering 40B (1972) 369
Davier, M., see Å. Eide 41B (1972) 225
Davies, B., see K. Okamoto 24B (1967) 18
Davies, B., see L.M. Delves 28B (1968) 472
Davies, D.W., see J.S. Danburg 30B (1969) 270
Davies, K.T.R., see S.J. Krieger 22B (1966) 607
Davies, K.T.R., C.Y. Wong, S.J. Krieger, Hartree–Fock calculations of bubble nuclei 41B (1972) 455
Davies, W.G., J.E. Kitching, W. McLatchie, D.G. Montague, K. Ramavataram, N.S. Chant, Levels excited in the reaction ^{58}Ni(p,t)^{56}Ni 27B (1968) 363
Davies, W.G., see S.S.M. Wong 28B (1968) 77
Davies, W.G., see J.E. Kitching 32B (1970) 343
Davies, W.G., see G.C. Ball 49B (1974) 33
Davis, D.H., see W. Gajewski 21B (1966) 673; 23B (1966) 152
Davis, J.C., H.H. Barschall, Adjustments in the n-p singlet effective range 27B (1968) 636
Davis, M.B., see M.J. Longo 36B (1971) 560
Davis, R., see J. Mott 23B (1966) 171

Davis, R., R. Ammar, J. Mott, S. Dagan, M. Derrick, T. Fields, Neutral non-strange mesons near 960 MeV produced in 5.5 GeV/c K^-p interactions 27B (1968) 532
Davis, R., see Y. Cho 32B (1970) 409
Davydov, A.V., G.R. Kartashov, I.N. Vishnevsky, Nuclear resonant scattering of annihilation quanta 30B (1969) 616
Davydov, V.V., I.M. Pavlichenkov, Analysis of angular distributions of deuterons and tritons in lithium-induced reactions 29B (1969) 551
Davydov, V.V., see V.I. Chuev 31B (1970) 624
Dawson, J.W., see R.K. Sheline 26B (1967) 14
Dawson, N., see I.G. Main 26B (1967) 295
Dawson, W.K., see P. von Brentano 26B (1968) 666; 27B (1968) 163
Day, B.D., see A. Kallio 25B (1967) 72
Dayon, M.I., see A.O. Weissenberg 48B (1974) 474
Deak, F., see Berlin ... collaboration 48B (1974) 257
Deak, F., see K.F. Albrecht 48B (1974) 393
Deal, T.J., S. Fallieros, Electroexcitation form factors and fixed-multipolarity sum rules 44B (1973) 224
De Alfaro, V., S. Fubini, G. Rossetti, G. Furlan, Sum rules for strong interactions 21B (1966) 576
De Alwis, S.P., D.A. Nutbrown, P. Brooker, J.M. Kosterlitz, The algebra of currents and the Veneziano model - The $A_1\rho\pi$ system 29B (1969) 362
De Alwis, S.P., Octet dominance on the light cone 36B (1971) 106
De Alwis, S.P., Testing gauge theories of weak interactions in the deep inelastic region 45B (1973) 253
De Baenst, P., D. Speiser, J. Weyers, Current commutation relations and the $\Delta I = \frac{1}{2}$ rule 21B (1966) 100
De Baenst, P., J. Pestieau, Threshold vector dominance hypothesis and Compton scattering of isovector photons by pions 25B (1967) 515
De Baere, W., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
De Baere, W., see M. Jobes 26B (1967) 49
De Baere, W., see P.V. Chliapnikov 39B (1972) 279
De Baere, W., see J.N. Carney 42B (1972) 124
Debaisieux, J., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
Debaisieux, J., see M. Jobes 26B (1967) 49
Debaisieux, J., see Y. Goldschmidt-Clermont 27B (1968) 602
De Barros, S., P.L. Chevillon, V.D. Huynh, H.E. Jackson, J. Julien, J. Morgenstern, C. Samour, Intermediate structure in the ^{59}Co neutron total cross section between 0 and 500 keV 23B (1966) 683
De Barros, S., M.J. Bechara, T. Borello-Lewin, V. Paar, Spectroscopic factors of negative-parity multiplet states in odd Sn isotopes 49B (1974) 113
Debevec, P.T., G.T. Garvey, B.E. Hingerty, Isospin purity of the $T = 1$ states in ^{6}Li 34B (1971) 497
De Billy, L., see R.A. Donald 40B (1972) 586
De Bouard, X., see M. Bott-Bodenhausen 23B (1966) 277; 24B (1967) 194,438
De Bouard, X., see G. Neuhofer 39B (1972) 271; 41B (1972) 642
De Bouard, X., see M. Metcalf 40B (1972) 703
De Bouard, X., see F. Niebergall 49B (1974) 103
De Brion, J.P., see I. Videau 41B (1972) 213
Debrunner, P., see M. Atac 21B (1966) 699
Décamp, D., see J. Badier 41B (1972) 387
Déclais, Y., see C. Bricman 29B (1969) 451; 31B (1970) 148,152
Déclais, Y., see G. Bizard 31B (1970) 481
Déclais, Y., see P. Baillon 50B (1974) 377,383,387

Decoster, R.J., see S.M. Flatté 35B (1971) 345
Deden, H., see T. Eichten 46B (1973) 281
Deery, B.J. J.E. Mansfield, N.N. Biswas, N.M. Cason, V.P. Kenney, J.A. Poirier, W.D. Shephard, Application of the Veneziano model in the reaction $\pi^+ d \to d\pi^+\pi^-\pi^+$ at 5.4 GeV/c 31B (1970) 82
Deery, B.J., see P.H. Stuntebeck 32B (1970) 391
DeFacio, B., R.K. Umerjee, J.L. Gammel, Polarization and asymmetry in the ^{3}He (d,p)^{4}He reaction II 25B (1967) 449
DeFacio, D., R.K. Umerjee, J.L. Gammel, Polarization and asymmetry in the ^{3}He (d,p)^{4}He reaction 21B (1966) 666
Defoix, C., P. Rivet, J. Siaud, B. Conforto, M. Widgoff, F. Shively, Evidence for the existence of a narrow $\eta^0\pi^\pm$ resonance at 975 MeV, interpreted as a decay of the $\delta^\pm$ meson, and evidence for a $\delta^\pm\pi^\mp$ decay of the D^0 meson 28B (1968) 353
Defoix, C., L. Dobrzynski, P. Espigat, A. Nascimente, J. O'Neall, P. Rivet, J. Siaud, Evidence for an $\omega^0\pi^+\pi^-$ decay mode of the A_2^0 via an $\omega^0\pi^\pm$ resonance at 1040 MeV and for an $\omega^0\pi^+\pi^-$ effect near 1400 MeV 43B (1973) 141
De Forest Jr., T., Dispersion corrections in electron scattering 32B (1970) 12
De Franceschi, G., E. Etim, S. Ferrara, Deep inelastic structure functions from collinear SU(1, 1) symmetry 46B (1973) 452
De Frenne, D., see K. Heyde 26B (1967) 571
De Geer, L.-E., see A. Kerek 44B (1973) 252
Degrange, B., see C. Baglin 22B (1966) 219; 23B (1966) 286; 24B (1967) 637; 29B (1969) 445
Degrange, B., see F. Jacquet 25B (1967) 574
Degrange, B., see R. Arnold 27B (1968) 466
Degrange, B., see T. Eichten 40B (1972) 593; 46B (1973) 274,281
Degrange, B., see F.J. Hasert 46B (1973) 121,138
De Groot, E.H., G.F. Wolters, Coherent production and Deck-effect on deuterons 26B (1967) 636
De Groot, H., see N.J. McGurk 49B (1974) 13
De Guio, P., see A. Brabson 42B (1972) 283,287
Dehm, G., see Y. Goldschmidt-Clermont 27B (1968) 602
Dehnhard, D., Possible solution to the ^{27}Al puzzle 38B (1972) 389
Dehnhard, D., see A. Von der Decken 41B (1972) 477
Dehnhardt, W., see P. Taras 41B (1972) 295
Deinet, W., A. Menzione, H. Müller, H.M. Staudenmaier, S. Buniatov, D. Schmitt, S-wave $\pi\pi$-scattering from the reaction $\pi^- p \to n\pi^0\pi^0$ at 1.77 GeV/c 30B (1969) 359
Deinet, W., A. Menzione, H. Müller, H.M. Staudenmaier, S. Buniatov, D. Schmitt, Neutral decay modes of the ω^0-meson 30B (1969) 426
Deinet, W., see D. Schmitt 32B (1970) 638
De Jager, C.W., R. Maas, C. De Vries, Electric scattering of 30–90 MeV electrons from ^{206,207,208}Pb 39B (1972) 188
De Jager, C.W., see R. Maas 48B (1974) 212
De Jonge, H., see T.H.J. Bellm 33B (1970) 438
Dekkers, D., see M. Bott-Bodenhausen 23B (1966) 277; 24B (1967) 194,438
De Kock, P.R., P.W.M. Glaudemans, Configuration mixing and effective charges 34B (1971) 280
Delabaye, M., see Y. Goldschmidt-Clermont 27B (1968) 602
Delagrange, H., A. Fleury, F. Hubert, G.N. Simonoff, Excitation functions and recoil ranges of reactions induced in ^{181}Ta with 40–110 MeV ^{11}B ions 37B (1971) 355
Delaunay, J., see R. Ballini 21B (1966) 708; 26B (1967) 215

Delaunay, J., see A. Tellez 29B (1969) 655; 34B (1971) 131
Del Bianco, W., J.M. Poutissou, Deuteron capture by deuterons 29B (1969) 299
Delbourgo, R., A. Salam, J. Strathdee, On the dynamical origin of SU(6) 21B (1966) 455
Delbourgo, R., A. Salam, J. Strathdee, Multiple field relations 22B (1966) 680
Delbourgo, R., A. Salam, J. Strathdee, A convergent field theory 24B (1967) 622
Delbourgo, R., A. Salam, J. Strathdee, Harmonic analysis in terms of the homogeneous Lorents group 25B (1967) 230
Delbourgo, R., M.A. Rashid, A. Salam, J. Strathdee, Green's functions for Regge trajectories 25B (1967) 475
Delbourgo, R., A. Salam, Analysis of charge exchange meson-baryon reactions from reggeized supermultiplet theory 28B (1968) 497
Delbourgo, R., P. Rotelli, Duality diagrams and supermultiplets 30B (1969) 192
Delbourgo, R., P. Rotelli, Regge residues and supermultiplets 35B (1971) 65
Delbourgo, R., A. Salam, The gravitational correction to PCAC 40B (1972) 381
Delbourgo, R., P. Phocas-Cosmetatos, Radiative corrections to the photon-graviton vertex 41B (1972) 533
Delcourt, B., see J.E. Augustin 28B (1968) 503,517; 31B (1970) 673
Delcourt, B., J. Lefrançois, G. Parrour, J.P. Perez-Y-Jorba, G. Sauvage, π^0 photo-production on proton at backward angles between 700 MeV and 1150 MeV 29B (1969) 70
Delcourt, B., J. Lefrançois, J.P. Perez-Y-Jorba, G. Sauvage, G. Mennessier, Photo-production of η meson between threshold and 900 MeV 29B (1969) 75
Deleplanque, M.A., C. Gerschel, N. Perrin, P. Quentin, Coriolis coupling in some inter-mediate nuclei 46B (1973) 317
De Lesquen, A., B. Amblard, R. Beurtey, G. Cozzika, J. Bystricky, J. Deregel, Y. Ducros, J.M. Fontaine, A. Gaidot, M. Hansroul, F. Lehar, J.P. Merlo, S. Miyashita, J. Movchet, L. Van Rossum, Measurements of spin rotation parameters in pion-nucleon elastic scattering at 6 GeV/c and at 16 GeV/c 40B (1972) 277
De Lesquen, A., see G. Cozzika 40B (1972) 281
De Lesquen, A., see J. Deregel 43B (1973) 338
De Lesquen, A., see C. Bruneton 44B (1973) 471
Del Guerra, A., see D.R. Botterill 45B (1973) 405; 46B (1973) 125
Del Guerra, A., A. Giazotto, M.A. Giorgi, A. Stefanini, D.R. Botterill, D.W. Braben, P.R. Norton, A measurement of the azimuthal angle dependence of the process $ep \to en\pi^+$ near threshold 45B (1973) 409
Del Guerra, A., A. Giazotto, M.A. Giorgi, A. Stefanini, B.H. Kellett, C. Verzegnassi, D.R. Botterill, P.R. Norton, The pion form factor at a timelike momentum transfer of approximately 1 fm^{-2} from π^+ electroproduction at threshold 50B (1974) 487
Delic, G., Optical model parameter searches for $^{16}O + {}^{11}B$ elastic scattering 49B (1974) 412
De Lijser, E., see T.H.J. Bellm 33B (1970) 438
Dell, G.F., see I.R. Williams 26B (1967) 140
Dell, G.F., M. Fotino, Secondary emission yield by extreme relativistic particles 29B (1969) 324,534
Dell Jr., G.F., see L.C.L. Yuan 40B (1972) 689
Dell Jr., G.F., see A. Bamberger 43B (1973) 153
Della-Negra, M., see A. Astier 25B (1967) 294
Della-Negra, M., see M. Aguilar-Benitez 29B (1969) 62,241,379
De Llano, M., see E.L. Koo 30B (1969) 228
De Llano, M., V.V. Tolmachev, Gas-liquid instability in the many-fermion system and the breakdown of perturbation theory based on the plane-wave Hartree–Fock hamiltonian 37B (1971) 37

De Llano, M., see E.H. Lieb 37B (1971) 47
Della Selva, A., A. De Rújula, M. Mateev, Neutral K decays into $\pi^0\gamma\gamma$ 24B (1967) 468
Del Marmol, P., see M. Neve de Mevergnies 49B (1974) 428
Delorme, J., T.E.O. Ericson, Radiative π^- capture in nuclei 21B (1966) 98
Delorme, J., M. Ericson, Muon capture rate in ^{6}Li and the PCAC hypothesis 32B (1970) 443
Delorme, J., M. Rho, Second class currents and meson exchange effect in nuclear beta decay 34B (1971) 238
Del Prete, T., see M. Borghini 31B (1970) 405; 36B (1971) 493,497,501
Del Prete, T., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Del Prete, T., see G. Bellettini 45B (1973) 69
Del Prete, T., see G. Finocchiaro 50B (1974) 396
Delsanto, P.P., M.F. Roetter, H.G. Wahsweiler, Narrow resonances from unbound states 28B (1968) 246,557
Delsanto, P.P., see P. Antony-Spies 31B (1970) 632
Delsanto, P.P., see R.F. Barrett 34B (1971) 110; 35B (1971) 551; 40B (1972) 326
Delsanto, P.P., R.F. Barrett, H.G. Wahsweiler, Effect of the introduction of α-channels on the continuum structure of ^{16}O 44B (1973) 433
Delves, L.M., J.M. Blatt, C. Pask, B. Davies, Three-nulceon calculations with the Hamada–Johnston potential 28B (1968) 472
Delves, L.M., see M.A. Hennell 34B (1971) 195; 40B (1972) 20
De Meijer, R.J., see R. Holub 43B (1973) 375
Demidov, V.S., see V.V. Barmin 33B (1970) 377; 35B (1971) 604; 46B (1973) 465; 47B (1973) 463
Demidov, A.M., see L.V. Groshev 34B (1971) 293
Demin, V.F., Yu.E. Pokrovsky, V.D. Efros, Bound-state properties of three and four nucleons with realistic forces 44B (1973) 227
Demin, V.F., Yu.E. Pokrovsky, Calculation of ^{3}H, ^{3}He properties with realistic NN-potentials in the hyperspherical basis 47B (1973) 394
Demin, V.F., S.N. Ezhov, Yu.K. Rogov, I.E. Zakharchenko, The electric ^{3}H and ^{3}He form factors for realistic potentials 49B (1974) 217
Demiokhina, N.A., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301; 48B (1974) 463
Demuynck, J., see K. Heyde 26B (1967) 571
Denardo, G., R. Ruffini, On the energetics of Reissner Nordstrøm geometries 45B (1973) 259
Denardo, G., L. Hively, R. Ruffini, On the generalized ergosphere of the Kerr–Newman geometry 50B (1974) 270
Denhöfer, G., see P. Sperr 49B (1974) 345
Denisov, A.S., see A.A. Vorobyov 41B (1972) 639
Denisov, S.P., see Yu.B. Bushnin 29B (1969) 48
Denisov, S.P., see J.V. Allaby 30B (1969) 500
Denisov, S.P., see F. Binon 30B (1969) 506; 31B (1970) 230
Denisov, S.P., see Yu.M. Antipov 34B (1971) 164
Denisov, S.P., S.V. Donskov, Yu.P. Gorin, A.I. Petrukhin, Yu.D. Prokoshkin, R.S. Shuvalov, D.A. Stoyanova, Experimental comparison of $\bar{d}p$ and $\bar{p}d$ total cross-sections 34B (1971) 167
Denisov, S.P., S.V. Donskov, Yu.P. Gorin, A.I. Petrukhin, Yu.D. Prokoshkin, D.A. Stoyanova, J.V. Allaby, G. Giacomelli, Total cross sections of π^+, K^+ and p on protons and deuterons in the momentum range 15–60 GeV/c 36B (1971) 415
Denisov, S.P., Yu.P. Dmitrevskiy, S.V. Donskov, Yu.P. Gorin, Yu.M. Melnik A.I. Petrukhin, Yu.D. Prokoshkin, V.S. Seleznev, R.S. Shuvalov, D.A. Stoyanova, L.M. Vasiljev, Energy dependence of π^-, K^- and $\bar{p}$ total cross-sections on protons in the momentum range up to GeV/c 36B (1971) 528

Dennery, P., A. Krzywicki, On chains of resonances 23B (1966) 374
Dennery, P., A. Le Yaouanc, A. Krzywicki, Omega production and the gyromagnetic ratio of the quarks 24B (1967) 470
Denning, A., A.E. MacGregor, A.E. Ball, G. Brown, R.N. Glover, *J*-dependence in l=3 (d,p) transitions 26B (1967) 437
Denning, A., J.G.B. Haigh, G. Brown, The shell model applied to some calcium isotopes 27B (1968) 159
Denning, A., see R.N. Glover 27B (1968) 434
De Notaristefani, F., see E. Amaldi 41B (1972) 216
De Poli, M., see F. Brandolini 49B (1974) 261
Depuydt, H., see M. Bouten 27B (1968) 61; 33B (1970) 457, 35B (1971) 464
Derado, I., J.A. Poirier, N.N. Biswas, N.M. Cason, V.P. Kenney, W.D. Shephard, Evidence for vector meson exchange in ρ^- production at 8 GeV/c 24B (1967) 112
Derado, I., see M. Davier 28B (1968) 619
De Rafael, E., see B.E. Lautrup 31B (1970) 577
De Rafael, E., see A. de Rújula 32B (1970) 495
De Rafael, E., The hydrogen hyperfine structure and inelastic electron proton scattering experiments 37B (1971) 201
Deregel, J., see A. De Lesquen 40B (1972) 277
Deregel, J., J. Bystricky, G. Cozzika, Y. Ducros, A. Gaidot, F. Lehar, A. De Lesquen, J.P. Merlo, S. Miyashita, J. Movchet, L. Van Rossum, B. Amblard, J.M. Fontaine, M. Hansroul, Measurement of the spin rotation parameter R in proton-proton elastic scattering at 6 and 16 GeV/c 43B (1973) 338
Deregel, J., see C. Bruneton 44B (1973) 471
Derenzo, S.E., R.H. Hildebrand, C. Vossler, Measurement of the spectrum and asymmetry of low momentum positrons from μ^+ decay 28B (1968) 401
Derenzo, S.E., see M. Alston-Garnjost 33B (1970) 607; 34B (1971) 156
Derenzo, S.E., see S.M. Flatté 34B (1971) 551
Derevschikov, A., see C. Bruneton 44B (1973) 471
Derevschikov, A.A., Yu. P. Dmitrevskiy, Yu.A. Matulenko, Yu.M. Melnik, A.P. Meshanin, A.I. Mysnik, S.B. Nurushev, G.P. Proskurin, E.V. Smirnov, V.V. Siksin, L.F. Solovjev, V.L. Solovyanov, Measurement of the cross sections for inclusive $\pi^- + p \to \pi^- + X^+$ reactions at momenta 42 and 51 GeV/c in the beam fragmentation region 47B (1973) 473
Derevschikov, A.A., N.I. Golovin, Y.C. Khodirev, V.I. Kotov, S.B. Nurushev, Y.A. Matulenko, L.F. Soloviev, G.T. Adilov, F.K. Aleev, W. Gajewski, I. Ion, T.S. Nigmanov, B. Niczyporuk, E.N. Tsyganov, M. Turala, K. Wala, A.S. Vodopianov, E.B. Dally, D.J. Drickey, A.D. Liberman, P.F. Shepard, J.C. Tompkins, A measurement of elastic pion-proton scattering at 50 GeV 48B (1974) 367
De Rosny, G., see K. Böckmann 28B (1968) 72
De Rosny, G., see C. Baglin 47B (1973) 85, 89
Derre, J., see V.V. Ammosov 42B (1972) 519
Derre, J., see V.A. Bumashnov 50B (1974) 283
Derre, J., H. Blumenfeld, M.A. Jabiol, A. Leveque, S. Otwinowski, E. Pauli, V.H. Bumashnov, P.F. Ermolov, E.P. Kistenev, V.I. Nicolaencko, A.M. Moiseev, E.H. Starchenko, E.B. Vlasov, J. Loskiewicz, J. Quinquard, A.M. Touchard, H.H. Kaufmann, J.S. Takibaev, E.G. Boos, Two body correlations between negative pions in pp interactions at 69 GeV/c 50B (1974) 287
Derrick, M., see J. Mott 23B (1966) 171
Derrick, M., see L.G. Hyman 25B (1967) 376

Derrick, M., see R. Davis 27B (1968) 532
Derrick, M., see Y. Cho 32B (1970) 409
Derrick, M., see T. Eichten 46B (1973) 274
Derrick, M., see J. Whitmore 50B (1974) 280
De Rújula, A., see A. Della Selva 24B (1967) 468
De Rújula, A., E. de Rafael, Unitarity bounds to T-odd correlations in neutrino reactions 32B (1970) 495
De Rújula, A., B. Lautrup, A. Peterman, On sixth-order corrections to the anomalous magnetic moment of the electron 33B (1970) 605
De Rújula, A., S.L. Glashow, What neutrinos will tell about gauge theories 46B (1973) 377
De Rújula, A., S.L. Glashow, Tests of the isospin structure of the weak current in neutrino physics 46B (1973) 381
Desai, B.R., see D.P. Roy 34B (1971) 512
Desai, B.R., The s-channel dual absorptive model as a consequence also of l-channel absorption 38B (1972) 107
Desai, B.R., P.R. Stevens, Systematics of vector and tensor exchange amplitudes: the complex pole model 45B (1973) 497
Desai, B.R., Possibility that the Pomeron–Regeon cut contains the Regge pole 50B (1974) 494
De Saintignon, P., M. Chabre, Impuretés de parité dans la transition gamma de 279 keV de ^{279}Tl 33B (1970) 463
De Saintignon, P., see J. Menet 40B (1972) 192
De Sanctis, E., see U. Amaldi Jr. 22B (1966) 593
De Sanctis, E., see U. Amaldi 25B (1967) 24
De Saussure, G., R.B. Perez, M.N. Moore, Autocorrelation technique for determining the average level spacing of the intermediate subthreshold structure in the fission cross section of ^{235}U and ^{239}Pu 31B (1970) 413
Deser, S., see D. Boulware 22B (1966) 99
Deser, S., J. Rawls, Absence of scalar Goldstone "pions" 27B (1968) 460
Deser, S., see D.G. Boulware 40B (1972) 227
Deser, S., Hung-Sheng Tsao, P. Van Nieuwenhuizen, Nonrenormalizability of Einstein–Yang–Mills interactions at the one-loop level 50B (1974) 491
Deshpande, N.G., see P.L. Pritchett 41B (1972) 311
Deshpande, N.G., see P.R. Auvil 49B (1974) 73
D'Espagnat, B., J. Iliopoulos, On the $|\Delta I| = \frac{1}{2}$ rule in kaon decays 21B (1966) 232
D'Espagnat, B., M.K. Gaillard, On the q^2 dependence of the K_{l3} form factors 25B (1967) 346
D'Espagnat, B., J. Iliopoulos, Erratum 21B (1966) 719
Desplanques, B., N. Vinh Mau, Parity non conserving effects in ^{181}Ta and ^{175}Lu 35B (1971) 28
Desplanques, B., Two-pion-exchange contribution to the $\Delta T = 1$ part of the parity violating potential 41B (1972) 461
Desplanques, B., A simplified calculation of parity non conserving El transitions in the oscillator shell model 47B (1973) 212
Destaebler, H., see J. Litt 31B (1970) 40
De Swart, J.J., see J.C. Helder 21B (1966) 109
De Swiniarski, R., see A. Garin 21B (1966) 73
De Swiniarski, R., see H. Sherif 28B (1968) 96
De Swiniarski, R., see A.D. Bacher 29B (1969) 573
De Swiniarski, R., A. Genoux-Lubain, G. Bagieu, J.F. Cavaignac, D.H. Worledge, J. Raynal, A coupled-channels analysis of 30 MeV proton scattering from low-lying positive-parity states in ^{19}F, ^{20}Ne, ^{21}Ne 43B (1973) 27

De Swiniarski, R., see C.R. Lamontagne 45B (1973) 465
De Takacsy, N., Modification of the effective particle-hole force by ground state correlations in perturbation theory 23B (1966) 260
De Takacsy, N., S. Das Gupta, Can the 7.65 MeV 0^+ state in ^{12}C belong to a linear chain of α-clusters 33B (1970) 556
De Takacsy, N., see K. Ananthanarayanan 37B (1971) 143
De Takacsy, N.B., On two step mechanisms in the reaction $^{48}Ca(\tau,t)^{48}Sc$ 42B (1972) 1
Dethlefsen, J., H.B. Nielsen, H.C. Tze, The Hagedorn spectrum distribution and dimension of hadronic matter 48B (1974) 48
Detoeuf, J.F., see M. Banner 21B (1966) 582
De Tourreil, R., see D. Gogny 32B (1970) 591
Détraz, C., see D. Bachelier 21B (1966) 697; 26B (1967) 283
Détraz, C., M. Gaillard, R. Bouché, L. Feuvrais, P. Gaillard, M. Gouanère, M. Gusakow, J.R. Pizzi, Comparison of (d,t) and (d,^{3}He) cross sections 22B (1966) 638
Détraz, C., see M. Bernas 25B (1967) 260,474
Détraz, C., H.H. Duhm, A study of the $T = \frac{3}{2}$ states of ^{17}O 29B (1969) 29
Détraz, C., see M. Roy 29B (1969) 95
Détraz, C., A geometrical polarization effect in some transfer reactions involving heavy ions 32B (1970) 575
Détraz, C., C.E. Moss, C.S. Zaidins, Beta decay of ^{23}Mg, ^{27}Si, ^{31}S, ^{35}Ar and ^{39}Ca 34B (1971) 128
De Unamuno, S., see C. Baglin 29B (1969) 445
De Unamuno, S., see M. Haguenauer 34B (1971) 219; 37B (1971) 538
De Unamuno, S., see R. Arnold 36B (1971) 261
Deutch, B.I., P. Hornshøj, K. Bonde Nielsen, F. Boehm, Internal magnetic field of lutecium in iron and g factor in ^{175}Lu 21B (1966) 659
Deutch, B.I., see K. Bonde Nielsen 25B (1967) 208
Deutch, B.I., K. Bonde Nielsen, H. Bernas, Time-dependent hyperfine interaction of ^{169}Tm in iron 27B (1968) 209,455
Deutchman, P.A., see O. Karmon 31B (1970) 113
Deutchman, P.A., see M.D. High 41B (1972) 588
Deutsch, J., see H. Foeth 30B (1969) 276,282; 31B (1970) 544
Deutsch, J., see M. Cullen 32B (1970) 523
Deutsch, J., see M. Holder 40B (1972) 141
Deutsch, J.P., L. Grenacs, Spin measurement and isospin impurity of the $^{64}_{31}Ga$ ground state 22B (1966) 166
Deutsch, J.P., see L. Van Neste 23B (1966) 122
Deutsch, J.P., L. Grenacs, P. Igo-Kemenes, P. Lipnik, P.C. Macq, An experimental test of the analogy between muon and radiative pion capture 26B (1967) 315
Deutsch, J.P., L. Grenacs, J. Lehmann, P. Lipnik, P.C. Macq, Hyperfine effect in the mu-mesonic ^{11}B atom and information on ^{11}Be from muon capture measurements 28B (1968) 178
Deutsch, J.P., L. Grenacs, J. Lehmann, P. Lipnik, P.C. Macq, Measurement of muon partial capture rates in ^{16}O and the induced pseudoscalar coupling constant in muon capture 29B (1969) 66
Deutsch, J.P., see P. Darriulat 29B (1969) 132
Deutsch, J.P., see P. Igo-Kemenes 34B (1971) 286
Deutschmann, M., R. Steinberg, H. Weber, W. Woischnig, C. Grote, J. Klugow, K. Lanius, R. Leiste, S. Nowak, A. Białas, V.T. Cocconi, O. Czyzewski, P.F. Dalpiaz, E. Flaminio, J.D. Hansen, H. Hromadnik, G. Kellner, D.R.O. Morrison, Evidence against the interpretation of the A_1 enhancement as a kinematic effect 22B (1966) 112
Deutschmann, M., see J. Bartsch 22B (1966) 357; 25B (1967) 48; 27B (1968) 336; 28B (1968) 439; 33B (1970) 186

Deutschmann, M., see F. Crijns 22B (1966) 533
Deutschmann, M., see M. Aderholz 27B (1968) 174
Deutschmann, M., see J.V. Beaupré 34B (1971) 160; 37B (1971) 432; 41B (1972) 393
Deutschmann, M., see Aachen ... Collaboration 49B (1974) 388
Devanathan, V., K. Srinivasa Rao, R. Sridhar, Photoproduction of charged pions from ^{11}B 25B (1967) 456
Devanathan, V., see K. Srinivasa Rao 32B (1970) 578
Devenish, R.C.E., D.H. Lyth, W.A. Rankin, Fixed-t dispersion relations and the $P_{11}(1470)$ resonance in photoproduction 36B (1971) 394
Devenish, R.C.W., W.A. Rankin, D.H. Lyth, Determination of resonance couplings in single pion photoproduction using fixed-t dispersion relations 47B (1973) 53
Devienne, R., see Barcelona ... collaboration 48B (1974) 467
De Vincenzi, M., G. Preparata, High-energy neutrino scattering at low q^2 and partial conservation of axial-vector currents 46B (1973) 431
Devins, D.W., see C.C. Kim 22B (1966) 314
Devins, D.W., see M.D. High 41B (1972) 588
Devishev, M.I., see Yu.M. Antipov 30B (1969) 576
Devishev, M.I., see V.N. Bolotov 38B (1972) 120
Devishev, M.I., see V.I. Belousov 43B (1973) 76
Devisheva, M.N., see Yu.M. Antipov 30B (1969) 576
Devisheva, M.N., see V.N. Bolotov 38B (1972) 120
Devlin, T., see J. Badier 39B (1972) 414; 41B (1972) 387
Devlin, T.J., see W. Schimmerling 37B (1971) 177
Devons, S., T. Kozlowski, P. Némethy, S. Shapiro, M. Dris, N. Horwitz, T. Kalogeropoulos, J. Skelly, R. Smith, H. Uto, Observations on $\bar{p}p \to 3\pi^0, 2\pi^0\eta^0$ at rest 47B (1973) 271
De Vries, C., see C.W. De Jager 39B (1972) 188
De Vries, H., G.J.C. Van Niftrik, L. Lapikás, Elastic electron scattering through 180° from the magnetization distribution of the $1f_{7/2}$-shell nuclei Sc, V and Co 33B (1970) 403
DeVries, R.M., G. Paic, J.-L. Perrenoud, M. Singh, J.W. Sunier, A study of the reactions (p,^{6}Li) and (p,^{6}He) on ^{9}Be at 45 MeV 32B (1970) 193
DeVries, R.M., see J.-L. Perrenoud 36B (1971) 18
De Vries, T., see W. Hoogland 33B (1970) 631
De Waard, H., see R.M. Housley 21B (1966) 90
De Waard, H., see L. Niesen 24B (1967) 144
De Waard, H., S.R. Reintsema, M. Pasternak, Mössbauer spectra MnSb (^{129}I) yield mixing ratio of 27.7 keV transition and accurate magnetic moment ratio of 27.7 keV and ground state ^{129}I 33B (1970) 413
DeWire, J., B. Gittelman, R. Loe, E.C. Loh, D.J. Ritchie, R.A. Lewis, Photoproduction of eta mesons from hydrogen 37B (1971) 326
De Wit, P., see C. Van der Leun 30B (1969) 406
De Wit, P., C. Van der Leun, The $^{26}Al^m$ problem 30B (1969) 639
De Wit, S.A., see R. Barloutaud 26B (1968) 674
De Witt Huberts, P.K.A., L.J. Oostrijk, G.A. Peterson, Electroexcitation of $f\frac{7}{2}$ proton states in ^{51}V 32B (1970) 599
De Wolf, E., see J.N. Carney 42B (1972) 124
De Wolf, W., see P.V. Chliapnikov 39B (1972) 279
Deza, V.N., see A.O. Aganyants 27B (1968) 590
De Zorzi, G., see M. Holder 35B (1971) 355,361; 36B (1971) 400

De Zorzi, G., see G. Barbiellini 39B (1972) 294,663
De Zorzi, G., see A. Böhm 49B (1974) 491
Dhar, A.K., D.R. Kulkarni, K.H. Bhatt, A band mixing shell model calculation for ^{47}Ti 47B (1973) 133
Dhar, A.K., D.R. Kulkarni, K.H. Bhatt, Are there low-lying, intrashell-excited highly deformed states in the 1f-2p shell nuclei? 50B (1974) 323
Diaczek, A., see A. Brabson 42B (1972) 283,287
Diamant-Berger, A., see M. Bourquin 36B (1971) 615
Diamant-Berger, A., see P. Basile 36B (1971) 619
Diamant-Berger, A., see A. Zylbersztejn 38B (1972) 457
Diambrini-Palazzi, G., see G. Barniellini 39B (1972) 294,663
Diamond, R.M., see J.R. Leigh 33B (1970) 410
Diamond, R.M., see K. Nakai 34B (1971) 389; 44B (1973) 443
Diamond, R.M., see K.H. Maier 35B (1971) 401
Diamond, R.M., see D. Proetel 48B (1974) 102
Diamond, R.M., see F.S. Stephens 44B (1973) 429
Dias De Deus, J., W.S. Lam, Duality predictions in high energy missing mass spectra 38B (1972) 220
Dias De Deus, J., W.S. Lam, Duality predictions on the ISR data of pp → pX near the phase-space boundary 38B (1972) 317
Dias De Deus, J., Pham Xuan Yem, Triple-Regge formulae in photo and electroproduction 41B (1972) 359
Dias De Deus, J., see A.J. Buras 47B (1973) 251
Diaz, J., see J.C. Anderson 45B (1973) 165,521
Diaz, J., see S. Dafo 50B (1974) 275
DiBianca, F., see J.C. Anderson 45B (1973) 165,521
DiBianca, F., see S. Dado 50B (1974) 275
Dibon, H., G. Flügge, Ch. Gottfried, B.M.K. Nefkens, G. Neuhofer, F. Niebergall, M. Regler, W. Schmidt-Parzefall, K.R. Schubert, P.E. Schumacher, K. Winter, Rapidity correlations in inclusive two-particle production at storage ring energies 44B (1973) 313
Di Caporiacco, G., see N. Armenise 25B (1967) 53; 26B (1967) 336
Dicello, J.F., G. Igo, M.L. Roush, The anomalous dip in total reaction cross sections in the nickel region 23B (1966) 685
Dick, G., see Ch. Berger 47B (1973) 377
Dick, L., see M. Borghini 21B (1966) 114; 24B (1967) 77; 31B (1970) 405; 36B (1971) 493,497,501
Dick, L., see H. Aoi 35B (1971) 90
Dickens, J.K., E. Eichler, R.J. Silva, I.R. Williams, Level Structure of ^{92}Mo 21B (1966) 657
Dickens, J.K., see F.E. Bertrand 24B (1967) 653
Dickens, J.K., see S. Raman 40B (1972) 89
Dickinson, M., S. Miyashita, D. Huwe, F. Ayer, L. Marshall, Measurement of $K^- + p \to K^* +$ nucleon; calculation of K^* nucleon cross section 23B (1966) 505
Dickinson, M., S. Miyashita, L. Marshall Libby, P. Kearny, K^-p elastic scattering at 2.24 GeV/*c* 24B (1967) 596
Dickinson, M., see J. Lynch 35B (1971) 457
Dickmann, F., Single-particle model for strongly deformed nuclei 35B (1971) 467
Dickmann, F., see V. Metag 34B (1971) 257
Dickmann, F., see P.J. Siemens 36B (1971) 24
Dickmann, F., V. Metag, R. Repnow, Predicted region of oblate deformation around ^{72}Kr 38B (1972) 207
Di Corato, M., see R. Huson 28B (1968) 208
Dicus, D.A., V.S. Mathur, Broken SU(4) ⊗ SU(4) symmetry and η-X mixing 49B (1974) 63

Diddens, A.N., see J.V. Allaby 23B (1966) 389; 25B (1967) 156; 27B (1968) 49; 28B (1968) 67,229; 29B (1969) 198; 30B (1969) 500,549; 33B (1970) 429; 34B (1971) 431
Diddens, A.N., see Yu.B. Bushnin 29B (1969) 48
Diddens, A.N., see U. Amaldi 34B (1971) 435; 36B (1971) 504; 43B (1973) 231; 44B (1973) 112
Didelez, J.P., see D. Bachelier 21B (1966) 697
Didenko, L., see Alma ... collaboration 48B (1974) 277
Diebold, R., see A.M. Boyarski 34B (1971) 547
Diehl, H., W. Greiner, Ternary fission in the liquid drop model 45B (1973) 35
Diehl, H., see H.J. Becker 50B (1974) 445
Diehl, R.C., B.L. Cohen, R.A. Moyer, Anomalous behavior of $l = 0$ transitions in ^{98}Mo(d,p) and ^{100}Mo(d,t) reactions 30B (1969) 637
Diener, E.M., see S.S. Hanna 40B (1972) 631
Dieperink, A.E.L., P.W.M. Glaudemans, Shell model description of states in ^{38}K 28B (1968) 531
Dieperink, A.E.L., see P.W.M. Glaudemans 28B (1968) 645
Dieterle, B.D., see W.T. Toner 36B (1971) 251
Dietl, H., see G. Grayer 34B (1971) 333; 35B (1971) 610; 39B (1972) 563
Dietrich, F.S., see E.G. Adelberger 25B (1967) 595
Dietrich, K., On a nuclear Josephson effect in heavy ion scattering 32B (1970) 428
Dietrich, K., see V. Metag 34B (1971) 257
Dietrich, K., K. Hara, F. Weller, Multiple pair transfer in reactions between heavy nuclei 35B (1971) 201
Dietrich, K., see M. Zielinska-Pfabé 49B (1974) 123
Dietz, K., W. Korth, Photoproduction of positively charged pions at high energies 26B (1967) 394
Di Giacomo, A., S. Fubini, L. Sertorio, G. Veneziano, Unitarity in dual resonance models 33B (1970) 171
Di Giacomo, A., Inclusive sum rules for isotopic spin 40B (1972) 569
Di Lella, L., see M. Borghini 21B (1966) 114; 24B (1967) 77; 31B (1970) 405
Di Lella, L., see F.W. Büsser 46B (1973) 471; 48B (1974) 371,377
Dilg, W., L. Koester, W. Nistler, The neutron-deuteron scattering lengths 36B (1971) 208
Di Liberto, S., see Barcelona ... collaboration 48B (1974) 467
Dillig, M., H.M. Hofmann, M.G. Huber, Microscopic description of nuclear π^+ production in ^{12}C 44B (1973) 484
Dillig, M., M.G. Huber, Is there a giant (3,3) resonance in nuclei? 48B (1974) 417
Dimmling, F., see D. Riegel 46B (1973) 170
Dinter, H., see A. Hofmann 26B (1967) 378
Dinter, H., see H. Bienlein 46B (1973) 131
Disdier, D., see S. Gorodetzky 22B (1966) 505; 24B (1967) 578
Dittmann, P., see F. Conte 22B (1966) 702
Dittrich, J., F. Janouch, On the cancellation of internal bremsstrahlung for relativistic particles 34B (1971) 363
Diu, B., M. Le Bellac, Photoproduction of charged pions in a Regge pole model 24B (1967) 416
Diu, B., Is saturation a good approximation to sum rules? 25B (1967) 530
Divadeenam, M., W.P. Beres, Structure of ^{51}Ti 30B (1969) 598
Divadeenam, M., see A. Lev 47B (1973) 408
Di Vecchia, P., F. Drago, Neutral non strange 0^- meson photoproduction and Regge poles 24B (1967) 405
Di Vecchia, P., see A. Bietti 26B (1967) 457,736
Di Vecchia, P., F. Drago, M.L. Paciello, Finite energy sum rules and the crossover problem in K-N scattering 26B (1967) 530

Di Vecchia, P., F. Drago, C. Ferro Fontán, R. Odorico, M.L. Paciello, Determination of the pion and conspirator residues and trajectories in π^+ photoproduction from continuous moment sum rules 27B (1968) 296
Di Vecchia, P., F. Drago, "Mass Formula" for M=0 and M=1 Toller families 27B (1968) 387
Di Vecchia, P., F. Drago, C. Ferro Fontán, R. Odorico, The pion conspirator: A further evidence for its existence and a discussion on its implications in meson spectroscopy 27B (1968) 521
Di Vecchia, P., F. Drago, S. Ferrara, Lorentz expansion for the Veneziano amplitude 29B (1969) 114
Di Vecchia, P., see D. Atkinson 29B (1969) 423
Dix, W.-R., see W. Bartel 30B (1969) 285; 33B (1970) 245; 35B (1971) 181; 39B (1972) 407
Dix, W.-R., see P. Brauel 45B (1973) 389, 50B (1974) 507
Dixit, V.V., see R.H. Capps 33B (1970) 596
Dixon, D.R., see R.K. Walter 30B (1969) 626
Dixon, W.R., see J.H. Aitken 30B (1969) 473
Dixon, W.R., see J.J. Simpson 30B (1969) 478
Djaloeis, A., see O. Aspelund 50B (1974) 441
Dmitrevskiy, Yu.P., see S.P. Denisov 36B (1971) 528
Dmitrevskiy, Yu.P., see A.A. Derevshchikov 47B (1973) 473
Dobbs, J.M., see R. Cester 21B (1966) 343
Dobeš, J., A comment to the BHMM analysis of the deuteron stripping 30B (1969) 404
Dobinson, R.W., see J.V. Allaby 30B (1969) 500; 34B (1971) 431
Dobinson, R.W., see U. Amaldi 34B (1971) 435; 36B (1971) 504; 43B (1973) 231; 44B (1973) 112
Dobrowolski, T., B.N. Gus'kov, M.F. Likhachev, A.L. Lubimov, Yu.A. Matulenko, V.S. Stavinsky, A.S. Vovenko, Structure in π^+p elastic backward scattering 24B (1967) 203
Dobrowolski, T., see E.F. Parker 31B (1970) 250
Dobrzynski, L., N.-H. Xuong, L. Montanet, M. Tomas, J. Duboc, R.A. Donald, Test of CP and C invariances in $\bar{p}p$ annihilations at 1.2 GeV/c involving strange particles 22B (1966) 105
Dobrzynski, L., C. Ghesquière, N.-H. Xuong, H. Tofte, Study of the polarization of antiproton in $\bar{p}p$ scattering at 1.18 GeV/c 23B (1966) 614
Dobrzynski, L., see R.A. Donald 27B (1968) 58
Dobrzynski, L., see C. Defoix 43B (1973) 141
Dobrzynski, L., see V. Chaloupka 44B (1973) 211
Do Dang, G., see R.M. Kreizler 28B (1968) 579
Do Dang, G., see J.A. Rabbat 35B (1971) 480
Do Dang, G., On the closure approximation in the study of muon capture by nuclei 38B (1972) 397
Dodd, L.R., see A.T. Stelbovics 39B (1972) 450; 48B (1974) 13
Dodd, P., see C.Y. Chang 23B (1966) 702
Doleschall, P., I. Lovas, Properties of the low-lying states of ^{63}Cu in the single particle plus quasi-boson scheme 21B (1966) 546
Doleschall, P., see Gy. Bencze 32B (1970) 539; 44B (1973) 235
Doleschall, P., n-d elastic scattering and polarization calculations with tensor force and p-wave interaction 38B (1972) 298
Doleschall, P., Simultaneous effect of P-wave interactions and tensor force on the polarization in N-d scattering 40B (1972) 443
Doleschall, P., J.C. Aarons, I.H. Sloan, Exact calculations of N-d polarization 40B (1972) 605
Dolgolenko, A.G., see V.V. Barmin 24B (1967) 249; 33B (1970) 377; 35B (1971) 604; 46B (1973) 465; 47B (1973) 463
Dolgov, A.D., A.I. Vainshtein, V.I. Zakharov, Current algebra and $\eta \to 3\pi$, X $\to 2\pi\eta$ decays 24B (1967) 425

Dolgov, A.D., L.B. Okun, V.I. Zakharov, Asymptotic behaviour of cross sections and massless particles exchange 37B (1971) 298
Dolgov, A.D., see E.B. Bogomolny 38B (1972) 45
Dolgov, A.D., L.B. Okun, V.I. Zakharov, On some generalizations of the Weinberg model 46B (1973) 70
Dolgov, A.D., L.B. Okun, V.I. Zakharov, On the menace of SU(9) degeneracy in gauge theories with coloured triplets 47B (1973) 258
Dolgov, A.D., V.I. Zakharov, Decay $\Sigma^{\pm} \to \Lambda e \nu$ and Σ^0 lifetime 48B (1974) 43
Dolgov, A.D., L.B. Okun, V.I. Zakharov, On quark molecules 49B (1974) 455
Dolinsky, E.I., V.V. Turovtsev, R. Yarmukhamedov, On the theory of (^{6}Li,d) and (^{7}Li,t) reactions 33B (1970) 147
Dolinsky, E.I., A.M. Mukhamedzhanov, On the theory of direct reactions leading to resonant states 48B (1974) 95
Dombey, N., An experiment to measure the electric form factor of the proton 29B (1969) 588
Dombey, N., Coulomb coupling, gauge invariance and the Regge theory of photoproduction 30B (1969) 646
Dombey, N., see D.J. Broadhurst 34B (1971) 95
Dombey, N., R.T. Shann, Pion electroproduction and scaling 42B (1972) 486
Domchenkov, O.A., see G.D. Alkhazov 42B (1972) 121
Domchenkov, O.A., see V.E. Starodubsky 42B (1972) 319
Domcke, W., see P. Fröbrich 45B (1973) 451
Domingo, J.J., see D.T. Chivers 26B (1967) 573
Domingo, J.J., B.W. Allardyce, C.H.Q. Ingram, S. Rohlin, N.W. Tanner, J. Rohlin, E.M. Rimmer, G. Jones, J.P. Girardeau-Montaut, Observation of structure in the spectrum of pions produced by Fermi motion 32B (1970) 309
Domingo, J.J., see J. Rohlin 40B (1972) 539
Domingo, V., G.P. Fisher, L. Marshall Libby, R. Sears, Elastic scattering of 2.7 GeV/c antiprotons on protons 24B (1967) 642
Domingo, V., G.P. Fisher, L. Marshall Libby, R. Sears, Two meson final states of 2.7 GeV/c $\bar{p}p$ 25B (1967) 486
Dominguez, C.A., C. Ferro Fontán, R. Suaya, Forward Compton scattering sum rules and J=0 singularities 31B (1970) 365
Domokos, G., Approximate four dimensional symmetry and hadron spectroscopy 24B (1967) 293
Domokos, G., S. Kövesi-Domokos, B.C. Yunn, Broken conformal symmetry and hadronic scaling 46B (1973) 83
Donald, R.A., see L. Dobrzynski 22B (1966) 105
Donald, R.A., D.N. Edwards, J. Lys, T. Nisar, R.S. Moore, K^0-p interactions and S-wave kaon-nucleon scattering lengths 22B (1966) 711
Donald, R.A., D.N. Edwards, J. Lys, T. Nisar, R.S. Moore, Erratum 25B (1967) 448
Donald, R.A., D.N. Edwards, R.S. Moore, E.J.C. Read, S. Reucroft, A.G. Frodesen, T. Jacobsen, S. Sire, P. Saetre, H. Tøfte, A. Bettini, S. Limentani, L. Peruzzo, R. Santangelo, S. Santori, The spin and parity of the $A_2^{\pm}$ produced in $\bar{p}p$ annihilations 26B (1967) 327
Donald, R.A., D.N. Edwards, T. Nisar, J. Barlow, L. Dobrzynski, F. Levy, The decay rate of the short-lived neutral kaon 27B (1968) 58
Donald, R.A., see J. Duboc 34B (1971) 342
Donald, R.A., J. Galletly, D.N. Edwards, L. De Billy, M. Baubillier, Direct s-channel effects in the final state $K_1^0 K_1^0 \omega^0$ in the region of the T-meson 40B (1972) 586
Doncel, M.G., Comments on radiative K_{e3} decays 32B (1970) 623

Doncel, M.G., L. Michel, P. Minnaert, Constraints on spin rotation parameters due to isospin conservation 38B (1972) 42
Doncel, M.G., A. Méndez, Spin rotation parameters for inclusive reactions 41B (1972) 83
Doncel, M.G., L. Michel, P. Minnaert, Isospin constraints between three cross sections and two polarization density matrices 42B (1972) 96
Dong Lê, see D. Haidt 29B (1969) 691,696
Donnachie, A., see C. Lovelace 22B (1966) 332
Donnachie, A., The importance of looking for the Roper resonance in pion photoproduction on deuterium 24B (1967) 420
Donnachie, A., see F.A. Berends 25B (1967) 278; 26B (1967) 109; 30B (1969) 555
Donnachie, A., On the use of polarized photons as a test of the Regge-pole hypothesis in high energy photoproduction of neutral mesons 25B (1967) 477
Donnachie, A., R.G. Kirsopp, C. Lovelace, Evidence from πp phase shift analysis for nine more possible nucleon resonances 26B (1967) 161
Donnachie, A., e^+–e^- annihilation and the rarer decay modes of ω and ρ 27B (1968) 525
Donnachie, A., see R.P. Bajpai 30B (1969) 344
Donnachie, A., G. Shaw, Exotic currents in charged pion photoproduction 35B (1971) 419
Donnelly, I.J., The density distribution of finite nuclei 28B (1968) 161
Donnelly, T.W., see G.M. Bailey 24B (1967) 222
Donnelly, T.W., J.D. Walecka, Semi-leptonic weak and electromagnetic interactions in nuclei with application to ^{16}O 41B (1972) 275
Donnelly, T.W., Low-energy neutrino reactions with ^{12}C and ^{16}O 43B (1973) 93
Donnelly, T.W., J.D. Walecka, Electromagnetic and weak interactions with nuclei: one-body densities in ^{6}Li 44B (1973) 330
Donnelly, T.W., D. Hitlin, M. Schwartz, J.D. Walecka, S.J. Wiesner, Nuclear excitation by neutral weak currents 49B (1974) 8
Donnelly Jr., T.W., J.D. Walecka, G.E. Walker, I. Sick, Excitation of particle-hole states in ^{28}Si by inelastic electron scattering at high momentum transfer 32B (1970) 545
Donner, W., see P. Antony-Spies 26B (1967) 268
Donoghue, T.R., see G.C. Salzman 45B (1973) 123
Donohue, J.T., H. Högaasen, A dynamic reference system for spin quantization 25B (1967) 554
Donohue, J.T., Pure states, polarized targets and baryon spin determination 34B (1971) 628
Donohue, J.T., G. Plaut, Tests of the equal-phase assumption in double resonance production 41B (1972) 495
Donskov, S.V., see A.O. Aganyants 27B (1968) 590
Donskov, S.V., see Yu.B. Bushnin 29B (1969) 48
Donskov, S.V., see J.V. Allaby 30B (1969) 500
Donskov, S.V., see F. Binon 31B (1970) 230
Donskov, S.V., see Yu.M. Antipov 34B (1971) 164
Donskov, S.V., see S.P. Denisov 34B (1971) 167; 36B (1971) 415,528
Dorenbusch, W.E., see T.A. Belote 23B (1966) 480
Dorenbusch, W.E., F.T. Dao, J. Rapaport, T.A. Belote, Excitation of proton hole states in ^{43}Ca by the $^{41}K(^{3}He,p)^{43}Ca$ reaction 26B (1967) 148
Dorenbusch, W.E., J.B. Ball, R.L. Auble, J. Rapaport, T.A. Belote, Energy levels in ^{48}Cr observed in the $^{50}Cr(p,t)^{48}Cr$ reaction 37B (1971) 173
Dorikens, M., see K. Heyde 26B (1967) 571
Dorikens-Vanpraet, L., see K. Heyde 26B (1967) 571
Dornan, P.J., see J. Bartsch 33B (1970) 186

Dornan, P.J., see J.V. Beaupré 34B (1971) 160
Dornan, P.J., see Aachen ... Collaboration 49B (1974) 388
Dorner, H., see W. Albrecht 26B (1967) 642; 28B (1968) 225
Dorren, J.D., see V. Rittenberg 48B (1974) 51
Dosch, H.G., R. Engelmann, H. Filthuth, V. Hepp, E. Kluge, Elastic Σp-scattering at low momenta 21B (1966) 236
Dost, M., see W.R. Hering 21B (1966) 695; 26B (1967) 568
Dost, M., W.R. Hering, Neutron particle-hole structure of ^{208}Pb from (d,p) excitation functions 26B (1967) 443
Doubre, H., D. Royer, M. Arditi, L. Bimbot, N. Frascaria, J.P. Garron, M. Riou, Distorted-wave analysis of (d,^{3}He) reactions at E_d = 82 MeV 29B (1969) 355
Doubt, H.A., see R.E. Horstman 48B (1974) 31
Dougan, P., T. Kivikas, K. Lugnér, V. Ramsay, W. Stiefler, Photo-protons from heavy elements 46B (1973) 359
Dougan, P., T. Kivikas, K. Lugnér, V. Ramsay, W. Stiefler, Some differential cross-sections for neutral pion photoproduction in the photon energy range 350–850 MeV 49B (1974) 194
Dougan, P.W., see L. Criegee 28B (1968) 283
Douglas, A.C., see G.D. Symons 24B (1967) 11
Douglas, A.C., N. McDonald, Coulomb excitation via the giant dipole resonance in spherical nuclei 24B (1967) 447
Douglas, A.C., see R.N. Glover 25B (1967) 333
Dotsenko, Yu.V., see G.D. Alkhazov 42B (1972) 121
Dover, C.B., P. Sandner, Coupled channel calculations for the reaction ^{15}N(n,n')^{15}N* 29B (1969) 405
Dover, C.B., J. Hüfner, Photoexcitation of isobaric analogue resonances in ^{208}Pb 32B (1970) 253
Dover, C.B., S.N. Yang, The ^{3}He(γ,π^+)^{3}H reactions in the (3,3) resonance region 50B (1974) 217
Dowd, R.M., see C. Meyeur 33B (1970) 441
Dowd, R.M., see G. Wilquet 42B (1972) 372
Downing, R.W., see R.M. Brown 42B (1972) 117
Drago, F., see P. Di Vecchia 24B (1967) 405; 26B (1967) 530; 27B (1968) 296,387,521; 29B (1969) 114
Drago, F., see A. Bietti 26B (1967) 457,736
Drago, F., A. Love, R.J.N. Phillips, G.A. Ringland, Lack of dip systematics in strong cut models 31B (1970) 647
Dragoun, O., P. Jahn, A test of screening corrections for M-subshell internal conversion coefficients 24B (1967) 146
Dragoun, O., P. Jahn, H. Allers, M. Vobecký, H. Daniel, Approximate internal conversion coefficients for N, O and P shell electrons 28B (1968) 251
Dragoun, O., Z. Plajner, B. Martin, A. v. Kap-Herr, Experimental evidence for the nuclear structure effect in internal conversion of N- and O-shell electrons 29B (1969) 221
Dragoun, O., see H.H. Duhm 48B (1974) 1
Drake, D., S.L. Whetstone, I. Halpern, Spectra of high-energy photons emitted from the compound system ^{64}Zn in various nuclear reactions 32B (1970) 349
Drake, D., I. Bergqvist, D.K. McDaniels, Dependence of 14 MeV radiative neutron capture on mass number 36B (1971) 557
Drake, T.E., see L. Katz 28B (1968) 114
Drapchinsky, L.V., see V.M. Adamov 48B (1974) 311
Draper, J.E., Quasirotational nuclear energies without perturbation theory 32B (1970) 581
Draper, J.E., An accurate one-parameter model for energy ratios of yrast levels of even nuclei to high spin 41B (1972) 105

Draper, J.E., see J.S. Ryder 43B (1973) 30
Drechsel, D., see J.B. Seaborn 23B (1966) 576
Drechsel, D., L.C. Maximon, Potential model calculation for coplanar and non-coplanar proton-proton bremsstrahlung 26B (1967) 477
Drechsel, D., see P. Lichtner 45B (1973) 175
Drechsel, D., see E. Borie 47B (1973) 291
Drechsel, D., see P.-G. Reinhard 49B (1974) 315
Drechsler, W., Regge-pole contribution to ω^0-photoproduction 23B (1966) 272
Drees, J., see Bätzner 39B (1972) 575
Dreiss, G.J., see L.S. Celenza 23B (1966) 241
Dreiss, G.J., A. Klein, S.C. Pang, Variational method without wave functions in the nuclear many-body problem 29B (1969) 465
Dreizler, R.M., see L.S. Celenza 23B (1966) 241
Dreizler, R.M., A. Klein, G. Do Dang, Growth of multipole moments of low-lying nuclear excited states in the random phase approximation: an extension of Thouless' theorem 28B (1968) 579
Dreizler, R.M., A. Klein, A new theoretical method for the study of the phase transition from spherical to deformed nuclei 30B (1969) 236
Dreizler, R.M., see A. Klein 31B (1970) 333
Dreizler, R.M., see S.Y. Li 32B (1970) 169
Dreizler, R.M., see T.K. Das 34B (1971) 235
Dreizler, R.M., see M. Vallieres 41B (1972) 125
Dreizler, R.M., see L. Lin 49B (1974) 117
Dremin, I.M., I.I. Royzen, Duality and multiperipheral processes 31B (1970) 71
Drentje, A.G., J.D.A. Roeders, Alpha-particle scattering from the 3^+ unnatural and the 4^+ natural parity states in ^{24}Mg 32B (1970) 356
Drentje, S.A., see L. Niesen 24B (1967) 144
Drevermann, H., see K. Boesebeck 34B (1971) 659
Drevermann, H., see J.V. Beaupré 41B (1972) 393
Drévillon, B., see R.J. Miller 34B (1971) 230
Drévillon, B., see B. Chaurand 38B (1972) 253
Drévillon, B., see R. Barloutaud 38B (1972) 257
Drévillon, B., see K. Paler 43B (1973) 437; 48B (1974) 151
Drews, G., see F. Conte 22B (1966) 702
Drews, G., see H.J. Munk 39B (1972) 303
Drews, G., see V. Eckhardt 43B (1973) 240
Drickey, D., see M. Davier 28B (1968) 619
Drickey, D.J., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Drickey, D.J., see C.-Y. Chien 33B (1970) 627
Drickey, D.J., see E. Dally 41B (1972) 647
Drickey, D.J., see A.A. Drevchekov 48B (1974) 367
Drickey, D.K., see C.-Y. Chien 35B (1971) 261
Drijard, D., see P.V. Chliapnikov 39B (1972) 279
Drijard, D., see M. Breidenbach 39B (1972) 654
Drijard, D., S. Pokorski, Multiplicity correlations between neutral and charged pions from charged multiplicity distributions 43B (1973) 509
Dris, M., see Th. Papadopoulou 43B (1973) 401
Dris, M., see S. Devons 47B (1973) 271

Drisko, R.M., see R.O. Ginaven 25B (1967) 206
Drisko, R.M., see W.G. Love 29B (1969) 478
Driver, C., K. Heinloth, K. Höhne, G. Hofmann, P. Karow, D. Schmidt, G. Specht, J. Rathje, Electroproduction of single π^+-mesons on hydrogen 35B (1971) 77
Driver, C., K. Heinloth, K. Höhne, G. Hofmann, P. Karow, D. Schmidt, G. Specht, J. Rathje, Electroproduction of single π^+-mesons on hydrogen: determination of the longitudinal part of the cross section 35B (1971) 81
Drory, Ch., see L. Birstein 26B (1967) 220
Drouffe, J.M., see G. Cohen-Tannoudji 33B (1970) 183
Drukarev, G., T. Zikarjeva, Erratum 22B (1966) 719
Drummond, I.T., P.V. Landshoff, W.J. Zakrzewski, Signature in production amplitudes 28B (1968) 676
Drysdale, N., see P. Sandner 29B (1969) 9
Duane, A., see W.G. Jones 23B (1966) 597
Duane, A., see D.M. Binnie 27B (1968) 106; 36B (1971) 257,537; 39B (1972) 275
Dubal, L., see G. Chikovani 22B (1966) 233; 23B (1966) 157; 25B (1967) 44
Dubal, L., see B. Levrat 22B (1966) 714
Dubal, L., see G. Buschhorn 33B (1970) 241
Dubbers, D., see H. Ackermann 29B (1969) 485; 41B (1972) 143
Duboc, J., see L. Dobrzynski 22B (1966) 105
Duboc, J., see R. Vanderhagen 24B (1967) 493
Duboc, J., see A. Astier 25B (1967) 294
Duboc, J., see P. Fleury 26B (1968) 686
Duboc, J., M. Goldberg, B. Makowski, A.M. Touchard, R.A. Donald, D.N. Edwards, J. Galletly, N. West, Evidence of neutral F_1 production in $\bar{p}p$ annihilations at 1.1–1.2 GeV/c 34B (1971) 342
Dubovik, V.M., see R.E. Bluvstein 45B (1973) 345
Dubovikov, M.S., V.K. Grogoryev, A.P. Grishin, V.M. Guzhavin, G.K. Kliger, V.Z. Kolganov, A.V. Lebedev, G.S. Lomkatsi, Yu.A. Simonov, V.T. Smolyankin, A.P. Sokolov, G.D. Tikhomirov, K.A. Trostina, I.A. Vetlitsky, V.V. Vladimirsky, I.A. Yerofeev, The study of the A_2-meson properties in the π^-p-interactions at the incident π^--mesons momentum 3.25 GeV/c 23B (1966) 716
Duchon, J., see C. Bricman 29B (1969) 451; 31B (1970) 148,152
Duchon, J., see G. Bizard 31B (1970) 481
Duck, I., W.A. Pearce, Proton-proton bremsstrahlung with the Tabakin potentials 21B (1966) 669
Duck, I.M., see V. Valković 42B (1972) 191
Duck, I.M., see V.S. Bhasin 44B (1973) 317; 46B (1973) 309
Duclos, J., A. Gerard, A. Magnon, J. Miller, J. Morgenstern, P.Y. Bertin, B. Coupat, J.C. Montret, B. Michel, P. Vernin, A measurement of the pion-nucleon charge-exchange reaction $\pi^{-+}p \to \pi^0+n$ at 22.6, 32.9 and 42.6 MeV 43B (1973) 245
Duclos, J., A. Magnon, J. Picard, A new measurement of the muon lifetime 47B (1973) 491
Ducros, Y., see A. De Lesquen 40B (1972) 277
Ducros, Y., see G. Cozzika 40B (1972) 281
Ducros, Y., see J. Deregel 43B (1973) 338
Ducros, Y., see C. Bruneton 44B (1973) 471
Dudek, A., see A. Budzanowski 32B (1970) 431
Dudek, A., D.J. Edens, Inelastic effects in the ^{20}Ne(d,^{3}He) ^{19}F reaction 36B (1971) 309
Dudek, J., Penetration of a double potential barrier in fissioning nuclei 34B (1971) 181
Dudelzak, B., see W. Bartel 25B (1967) 236,242; 27B (1968) 660; 28B (1968) 148

Duelli, B., F. Hinterberger, G. Mairle, U. Schmidt-Rohr, P. Turek, G. Wagner, Elastic scattering of 52 MeV deuterons 23B (1966) 485
Dufey, J.P., see A.M. Cnops 22B (1966) 546; 26B (1967) 398; 27B (1968) 113
Dufey, J.P., see R.A. Bowen 24B (1967) 206
Dufey, J.P., B. Gobbi, M.A. Pouchon, A.M. Cnops, G. Finocchiaro, J.C. Lassalle, P. Mittner, A. Müller, X^0 production in π^- p interactions 26B (1967) 410
Dufey, J.P., B. Gobbi, M.A. Pouchon, A.M. Cnops, G. Finocchiaro, J.C. Lassalle, P. Mittner, A. Müller, Dalitz plot analysis for the X^0 decaying into $\eta\pi^+\pi^-$ 29B (1969) 605
Duff, B., see B. Alper 44B (1973) 521,527; 46B (1973) 265; 47B (1973) 75,275
Duff, B.G., see P.C. Barber 32B (1970) 214
Duffy, M., see A.M. Berstein 30B (1969) 20
Duflo, J., see W.F. Baker 23B (1966) 605; 25B (1967) 361
Duflo, J., see J. Banaigs 24B (1967) 317
Dufour, P., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
Dufour, P., see M. Jobes 26B (1967) 49
Dufour, P., see Y. Goldschmidt-Clermont 27B (1968) 602
Duggan, F., see B. Sinha 47B (1973) 389
Duggan, J.L., see W.R. Coker 45B (1973) 321
Duhm, H.H., see D.L. Hendrie 26B (1967) 127
Duhm, H.H., see C. Détraz 29B (1969) 29
Duhm, H.H., N. Ueta, W. Heinecke, H. Hafner, H. Homeyer, P.D. Kunz, A study of the ^{26}Mg(^{6}Li, ^{6}He)^{26}Al charge exchange reaction 38B (1972) 306
Duhm, H.H., see K.-I. Kubo 45B (1973) 299
Duhm, H.H., H. Hafner, R. Renfordt, M. Goldschmidt, O. Dragoun, K.-I. Kubo, Charge exchange (^{6}Li, ^{6}He) and the two-step pickup-stripping (^{6}Li, ^{7}Li)(^{7}Li, ^{6}He) excitation mode 48B (1974) 1
Duimio, F., G. Marchesini, Peripheral dynamics of inclusive reactions in the fragmentation region 37B (1971) 427
Duimio, F., see P. Butera 41B (1972) 521
Duinker, P., see J. Bartsch 33B (1970) 186
Duller, N.M., see B.J. Bateman 36B (1971) 144
Dumbrais, O.V., N.M. Queen, Some consequences of a possible violation of the Pomeranchuk theorem for KN scattering 32B (1970) 65
Dumitrescu, O., see A. Sandulescu 24B (1967) 212
Dumitrescu, O., see M. Gari 35B (1971) 19
Dunaitsev, A.F., see I.M. Vasilevsky 23B (1966) 281
Dunaitsev, A.F., V.M. Kutyin, Yu.D. Prokoshkin, E.A. Rasuvaev, Yu.N. Simonov, π^+-meson decay curve in the region of large lifetimes 23B (1966) 283
Dunaitsev, A.F., see Yu.B. Bushnin 29B (1969) 48
Dunlap, B.D., see G.M. Kalvius 29B (1969) 489
Dunlop, W., see T.J. Woods 34B (1971) 594
Dunlop, W.H., see G.W. Hoffmann 40B (1972) 453
Dunnam, F.E., see H.R. Weller 27B (1968) 283
Dunscombe, P.B., see C.O. Blyth 33B (1970) 211
Dunscombe, P.D., see G.R. Isaak 31B (1970) 63,572
Dunwoodie, W., see P.V. Chliapnikov 39B (1972) 279
Dunwoodie, W., see J.N. Carney 42B (1972) 124
Duong Nhu Hoa, see R. Barloutaud 26B (1968) 674

Duong, T.H., R. Marrus, J. Yellin, Atomic beam study of the rubidium 85, 87 relative isotope shift 27B (1968) 565
Duong-Van, M., see P. Carruthers 41B (1972) 597; 44B (1973) 507
Dupont, Y., M. Chabre, Evidence for a two step mechanism in a pick up reaction on ^{12}C 26B (1967) 362
Dupont, Y., P. Martin, M. Chabre, Observation of $T = 4$ states in ^{46}Ca level structure of ^{46}K 31B (1970) 68
Dupont, Y., see A. Moalem 34B (1971) 392
Dupont, Y., see J.B. Viano 34B (1971) 397
Dura, A., see Barcelona ... collaboration 48B (1974) 467
Durand, J.M., see R. Bertini 45B (1973) 119
Durand, L., see V. Barger 26B (1967) 588
Durand, M., see M. Lambert 24B (1967) 287
Duray, J.R., see J.R. Comfort 40B (1972) 456
Durda, D.R., see B.J. Bateman 36B (1971) 144
Durell, J.L., see C.O. Lennon 28B (1968) 253
Durell, J.L., P.R. Alderson, D.C. Bailey, L.L. Green, M.W. Greene, A.N. James, J.F. Sharpey-Schafer, Lifetimes of levels in ^{23}Na below 5 MeV 29B (1969) 100
Durell, J.L., R.D. Symes, The structure of the 5280 and 5950 keV states of ^{30}Si 31B (1970) 358
Durell, J.L., see V. Metag 38B (1972) 19
Dürr, H.P., see I.I.Y. Bigi 45B (1973) 384
Dürr, W., see G. Clausnitzer 25B (1967) 267
Dürr, W., see D. Fick 27B (1968) 366
Durso, J.W., see G.E. Brown 35B (1971) 120
Durusoy, N.B., M. Baubillier, R. George, M. Goldberg, A.M. Touchard, N. Armenise, M.T. Fogli-Muciaccia, A. Silvestri, Study of the $I = 2$ $\pi\pi$ scattering from the reaction $\pi^- d \to \pi^- \pi^- P_s P$ at 9 GeV/c 45B (1973) 517
Dussel, G.G., R.J. Liotta, Perturbation treatment of the interaction between single-particle and collective degrees of freedom 37B (1971) 477
Duteil, P., see J.V. Allaby 28B (1968) 67,229; 29B (1969) 198
Duteil, P., see Yu.B. Bushnin 29B (1969) 48
Duteil, P., see F. Binon 30B (1969) 506,510; 31B (1970) 230
Dutt, T., see S. Eliezer 40B (1972) 250
Dutta, S., E.L. Tomusiak, Monopole form factors and the α-cluster model 35B (1971) 554
Dutta-Roy, B., see H. Banerjee 24B (1967) 413
Dutton, L.M.C., R.J.W. Howells, J.D. Jafar, H.B. Van der Raay, The real part of the spin-independent forward scattering amplitude in elastic nucleon-nucleon collisions 25B (1967) 245
Dutton, L.M.C., H.B. Van der Raay, Small angle $\bar{p}p$ scattering in the momentum range 1.3 to 1.5 GeV/c 26B (1968) 679
Dvoretsky, V.N., see L.V. Groshev 34B (1971) 293
Dworzecka, M., see J. Dabrowski 28B (1968) 4
Dworzecka, M., H. McManus, Perturbative treatment of collective particle-hole states in ^{40}Ca and ^{48}Ca 37B (1971) 331
Dworzecka, M., see H. McManus 43B (1973) 9
Dyachenko, P.P., B.D. Kuzminov, A. Lajtai, The kinetic energy of fragments in the fission of ^{235}U by neutrons with energies from 0 to 0.6 MeV 31B (1970) 122
Dyatlov, I.T., see A.A. Anselm 24B (1967) 479; 26B (1967) 100; 37B (1971) 84
Dydak, F., H.D. Polaschegg, P. Riehs, P. Weinzierl, Observation of parity violation in ^{203}Tl by measurement of the β-γ directional correlation 37B (1971) 375
Dyer, J.N., see R.W. Berard 47B (1973) 355

Dzhelepov, V.P., see G. Bozóki 28B (1968) 360
Dzierba, A.R., see P.H. Stuntebeek 32B (1970) 391
Dziunikowska, K., see K. Boesebeck 34B (1971) 659
Dziunikowska, K., see J.V. Beaupré 37B (1971) 432
Dzubay, T.G., A.A. Jaffe, E.J. Ludwig, T.A. White, F. Everling, D.W. Miller, D.A. Outlaw,
Energy levels of ^{36}K 33B (1970) 302

Eandi, R., see W. Bertram 21B (1966) 471
Earle, E.D., see G.A. Bartholomew 24B (1967) 47
Earle, E.D., A.J. Ferguson, G. Van Middelkoop, G.A. Bartholomew, I. Bergqvist, Study of the ^{207}Pb(d,p)^{208}Pb reaction 32B (1970) 471
Earle, E.D., A.J. Ferguson, G. Van Middelkoop, G.A. Bartholomew, I. Bergqvist, Erratum 32B (1970) 471, 33B (1970) 476
Earles, D., see H.R. Blieden 39B (1972) 668
Eartley, D., see S. Berezin 30B (1969) 27
Eartly, D., see B.A. Barnett 34B (1971) 655
Earwaker, L.G., see W.M. Currie 28B (1968) 480
Eaton, G.H., see W.E. Cleland 26B (1967) 45
Eaton, G.H., see H.C. Kirkman 32B (1970) 519
Ebenhöh, W., W. Glöckle, J. Hüfner, A shell model calculation in the continuum for the reaction ^{15}N(n,N')^{15}N 24B (1967) 361
Ebenhöh, W., A.S. Rinat-Reiner, Y. Avishai, Dispersion calculations for p-d scattering, $E_p \lesssim 160$ MeV, and the existence of broad resonances in the three-nucleon system 29B (1969) 638
Ebenhöh, W., B. Sundqvist, A. Johansson, L. Amtén, L. Glantz, L. Gönczi, I. Koersner, Form factor dependence of proton induced deuteron breakup at low energy 49B (1974) 137
Eberhard, K.A., An explanation of the anomalous backward enhancement of elastic α-scattering cross sections near A=40 in terms of an extended optical model 33B (1970) 343
Eberhard, Ph., see P. Baillon 50B (1974) 387
Eberhardt, J.L., see R.E. Horstman 48B (1974) 31
Ebisawa, K., see H. Morinaga 25B (1967) 22
Ebisawa, K., see R. Chiba 28B (1968) 173
Ebrahim, A., M. Serdaroğlu, $SU_2 \times SU_2$ breaking, Cabibbo angle, and $\eta \to 3\pi$ decay in a nonlinear Lagrangian model 48B (1974) 338
Ebrahim, A., M. Serdaroğlu, Structure and experimental consequences of chiral $SU_3 \times SU_3$ breaking 50B (1974) 258
Eck, J.S., R.A. LaSalle, D. Robson, Resolution of ambiguities in the optical-model potential for ^{16}O-^{24}Mg from elastic scattering data near the Coulomb barrier 27B (1968) 420
Eckardt, V., H.J. Gebauer, P. Joos, H. Meyer, B. Naroska, D. Notz, W.J. Podolsky, G. Wolf, S. Yellin, Electroproduction of ρ^0 meson at $0.3 < Q^2 < 1.5$ GeV^2 and $1.7 < W < 2.8$ GeV 43B (1973) 240
Ecker, G., J. Honerkamp, Covariant perturbation theory and chiral superpropagators 42B (1972) 253
Eckhause, M., see G.H. Miller 27B (1968) 663; 41B (1972) 50
Eckhause, M., see H.G.E. Kobrak 43B (1973) 526
Eckhause, M., see F.R. Kane 45B (1973) 292
Ecklund, S.D., see A.M. Boyarski 34B (1971) 547
Edelstein, R.M., see E.W. Anderson 29B (1969) 136
Edelstein, R.M., see D. Birnbaum 31B (1970) 36,484
Edelstein, R.M., V. Rittenberg, H.R. Rubinstein, Duality in the triple Regge limit 35B (1971) 408
Edens, D.J., see A. Dudek 36B (1971) 309
Editorial 34B (1971) 347
Edvardson, L.O., see R. Vukanović 29B (1969) 576
Edwards, D.N., see R.A. Donald 22B (1966) 711; 25B (1967) 448; 26B (1967) 327; 27B (1968) 53; 40B (1972) 586
Edwards, D.N., see J. Duboc 34B (1971) 342
Edwards, F.M., see J.R. Shepard 40B (1972) 95

Edwards, G.W., see E. Rost 37B (1971) 247
Edwards, H.J., see F. Ashton 29B (1969) 249
Edwards, T.R.M., see B.J. Charles 40B (1972) 289
Edwards, V.R.W., see B.C. Sinha 31B (1970) 273; 35B (1971) 391
Edwards, V.R.W., B.C. Sinha, Critique of the collective model of inelastic scattering 37B (1971) 225
Eenmaa, J., F.H. Schmidt, J.R. Tesmer, Proton spin flip in the reaction $^{58}Ni(p,p'\gamma)^{58}Ni^*$ (1.45 MeV) at 20 MeV 28B (1968) 321
Efimov, V., Energy levels arising from resonant two-body forces in a three-body system 33B (1970) 563
Efimov, V.N., Yu.I. Fenin, E.G. Tkachenko, Nucleon-nucleon T-matrix factorization for realistic potentials 37B (1971) 269
Efremov, A.V., I.F. Ginzburg, On asymptotical behaviour of the total γp- and $\gamma\gamma$-cross sections off the mass shell 36B (1971) 371
Efros, V.D., M.V. Zhukov, Elastic n-^{4}He scattering as five body problem 37B (1971) 18
Efros, V.D., see V.F. Demin 44B (1973) 227
Eggenhuisen, H.H., see J.A.J. Hermans 50B (1974) 337
Egger, J., see G. Backenstoss 32B (1970) 399; 33B (1970) 230; 38B (1972) 181; 41B (1972) 552; 43B (1973) 431
Egger, J., see A. Bamberger 33B (1970) 233
Egorov, O.K., see A.O. Weissenberg 48B (1974) 474
Eguchi, T., see K. Igi 36B (1971) 486; 42B (1972) 449
Eguchi, T., K. Igi, On the duality structure of $\pi\pi$, $K\pi$ phase shifts 40B (1972) 245
Eguchi, T., M. Fukugita, T. Shimada, A resolution of the question of $\pi\pi$ and $K\pi$ "anomalies" 43B (1973) 56
Ehrlich, R.D., D. Fryberger, D.A. Jensen, C. Nissim-Sabat, R.J. Powers, B.A. Sherwood, V.L. Telegdi, Energy shifts and intensity ratios in the muonic X-ray spectra of the Pb isotopes 206, 207 and 208 23B (1966) 468
Ehrling, G., see S.A. Hjorth 34B (1971) 255
Ehrling, G., S. Wahlborn, Single-particle model calculations with potentials of arbitrary shapes 34B (1971) 369
Eichler, E., see J.K. Dickens 21B (1966) 657
Eichler, E., G. Chilosi, N.R. Johnson, The decay of ^{94}Ru to levels in ^{94}Tc 24B (1967) 140
Eichler, J., Multiple transfer of $T = 1$ pairs and quadruples in heavy ion collisions 37B (1971) 250
Eichten, T., D. Haidt, K. Schultze, J. Stein, S. Natali, G. Piscitelli, F. Romano, R. Aguilar-Lloret, J. Lemonne, T.I. Pedersen, S.N. Tovey, V. Brisson, L. Kluberg, G.W. London, P. Petiau, B. Aubert, P. Chliapnikov, L.M. Chounet, D. Lê, J.P. Lowys, F. Biffis, E. Calimani, S. Ciampolillo, F. Mattiolo, A. Ferrer, P. Ladrón, R. Llosá, Determination of the $K^+_{\mu 3}/K^+_{e3}$ branching ratio and the separate K^+_{l3} decay rates 27B (1968) 586
Eichten, T., et al., Erratum 29B (1969) 78,534
Eichten, T., H. Faissner, S. Kabe, W. Krenz, J. Von Krogh, J. Morfin, K. Schultze, J. Lemonne, J. Sacton, W. Van Doninck, P. Vilain, D.C. Cundy, D. Haidt, P. Musset, U. Nguyen-Khac, S. Natali, J.B.M. Pattison, D.H. Perkins, C.A. Ramm, W. Venus, H.W. Wachsmuth, V. Brisson, B. Degrange, M. Haguenauer, F. Jacquet, L. Kluberg, P. Petiau, E. Bellotti, S. Bonetti, M. Brini-Penzo, C. Conta, E. Fiorini, C. Franzinetti, A. Pullia, B. Aubert, L.M. Chounet, P. Heusse, L. Jauneau, A. Lagarrigue, A.M. Lutz, C. Pascaud, J.P. Vialle, F. Bullock, M.J. Esten, T.W. Jones, J. McKenzie, A.G. Michette, G. Myatt, R.H. Schäfer, R.G. Worthington, Observation of "elastic" hyperon production by antineutrinos 40B (1972) 593

Eichten, T., H. Faissner, F.J. Hasert, S. Kabe, W. Krenz, J. Von Krogh, J. Morfin, K. Schultze, G.H. Bertrand-Coremans, J. Sacton, W. Van Doninck, P. Vilain, D.C. Cundy, D. Haidt, M. Jaffre, S. Natali, P. Musset, J.B.M. Pattison, D.H. Perkins, A. Pullia, A. Rousset, W. Venus, H. Wachsmuth, V. Brisson, B. Degrange, M. Haguenauer, L. Kluberg, U. Nguyen-Khac, P. Petiau, E. Bellotti, S. Bonetti, D. Cavalli, C. Conta, E. Fiorini, C. Franzinetti, M. Rollier, B. Aubert, L.M. Chounet, P. Heusse, L. Jauneau, A.M. Lutz, C. Pascaud, J.P. Vialle, F.W. Bullock, M. Derrick, M.J. Esten, T.W. Jones, J. McKenzie, A.G. Michette, G. Myatt, W.G. Scott, Measurement of the neutrino-nucleon and anti-neutrino-nucleon total cross sections 46B (1973) 274

Eichten, T., H. Deden, F.J. Hasert, W. Krenz, J. Von Krogh, D. Lanske, J. Morfin, H. Weerts, G. Bertrand-Coremans, J. Sacton, W. Van Doninck, P. Vilain, D.C. Cundy, D. Haidt, M. Jaffre, G. Kalbfleisch, S. Natali, P. Musset, J.B.M. Pattison, D.H. Perkins, A. Pullia, A. Rousset, W. Venus, H. Wachsmuth, V. Brisson, B. Degrange, M. Haguenauer, L. Kluberg, U. Nguyen-Khac, P. Petiau, E. Bellotti, S. Bonetti, D. Cavalli, C. Conta, E. Fiorini, C. Franzinetti, M. Rollier, B. Aubert, L.M. Chounet, P. Heusse, A.M. Lutz, J.P. Vialle, F.W. Bullock, M.J. Esten, T.W. Jones, J. McKenzie, G. Myatt, J.L. Pinfold, High energy electronic neutrino (ν_e) and antineutrino ($\bar{\nu}_e$) interactions 46B (1973) 281

Eide, Å., see V. Chabaud 38B (1972) 441,445,449; 41B (1972) 209

Eide, Å., P. Lehmann, A. Lundby, C. Baglin, P. Briandet, P. Fleury, P.J. Carlson, E. Johansson, M. Davier, V. Gracco, R. Morand, D. Treille, $\bar{p}p$ annihilation into $\pi^+\rho^-$ at 5 GeV/c 41B (1972) 225

Eide, Å., see F.H. Schmidt 45B (1973) 157

Eide, Å., see C. Baglin 47B (1973) 85, 89

Eidelman, S.I., see L.M. Kurdadze 42B (1972) 515

Eidens, J., see J.W. Grüter 33B (1970) 474

Eidson, W.W., see P. Von Brentano 26B (1967) 448

Eidson, W.W., see W.J. Braithwaite 38B (1972) 67

Eilam, G., J.P. Holden, Maximal electromagnetic contribution to pp inelastic cross sections at ISR energies 46B (1973) 443

Eilam, G., Y. Gell, The critical temperature and pairing in parton models 47B (1973) 255

Einhorn, M.B., M.B. Green, M.A. Virasoro, Duality constraints in inclusive reactions 37B (1971) 292

Eisele, F., H. Filthuth, W. Föhlisch, V. Hepp, G. Zech, Elastic $\Sigma^{\pm}$p scattering at low energies 37B (1971) 204

Eisele, F., see M. Baggett 42B (1972) 379

Eisele, F., see C. Geweniger 48B (1974) 483,487

Eisele, G., I. Koniordos, G. Müller, R. Winkler, Kernquadrupolmoment des Isotops ^{209}Bi 28B (1968) 256

Eisen, Y., A combined microscopic and phenomenological approach to the real part of the optical potential for heavy ion reactions 37B (1971) 33

Eisenbeiss, G., see G. Höhler 22B (1966) 203

Eisenberg, J.M., see D.K. Anderson 22B (1966) 164

Eisenberg, J.M., see G.J. Borse 22B (1966) 630

Eisenberg, J.M., see L.P. Fulcher 29B (1969) 338,583

Eisenberg, J.M., see P.K. Haff 33B (1970) 133

Eisenberg, J.M., see R. Guy 33B (1970) 137

Eisenberg, J.M., H.J. Weber, Electroproduction of slow pions on nuclei and giant resonance vibrations 34B (1971) 107

Eisenberg, J.M., R. Guy, J.V. Noble, H.J. Weber, Pion production by 600 MeV protons on light nuclei 43B (1973) 20

Eisenberg, J.M., R. Guy, J.V. Noble, H.J. Weber, Pion production by 600 MeV protons on light nuclei 45B (1973) 93
Eisenberg, J.M., H.J. Weber, Exclusion principle effects in pion-nucleus scattering in the region of the 3,3 resonance 45B (1973) 110
Eisenberg, J.M. see A.T. Hess 47B (1973) 311
Eisenberg, J.M., J. Hüfner, E.J. Moniz, The Lorentz–Lorentz effect in pion-nucleus interactions 47B (1973) 381
Eisenberg, J.M., Quenching in the basic πN amplitude for pion-nucleus scattering 49B (1974) 224
Eisenberg, Y., E.E. Ronat, A. Brandstetter, A. Levy, E. Gotsman, RHO meson photoproduction cross-sections in the strong absorption model 22B (1966) 217
Eisenberg, Y., E.E. Ronat, A. Brandstetter, A. Levy, E. Gotsman, Decay correlations of photo-produced RHO mesons in the strong absorption model 22B (1966) 223
Eisenberg, Y., see R. Barloutaud 26B (1968) 674
Eisenberg, Y., see G. Giacomelli 33B (1970) 373
Eisenberg, Y., see W. Hoogland 33B (1970) 631
Eisenberg, Y., see G. Yekutieli 34B (1971) 101
Eisenberg, Y., B. Haber, E.E. Ronat, Y. Stahl, G. Yekutieli, J. Ballam, G.B. Chadwick, M.M. Menke, P. Seyboth, A. Shapira, J. Gandsman, J. Grunhaus, A. Levy, Photoproduction of ω-mesons from 1.2 to 8.2 GeV 34B (1971) 439
Eisenberg, Y., see E. Hirsch 36B (1971) 139
Eisenberg, Y., see H.H. Bingham 41B (1972) 635
Eisenberg, Y., U. Karshon, J. Mikenberg, S. Pitluck, E.E. Ronat, A. Shapira, G. Yekutieli, Search for ρ' production in π^+p interactions at 5 GeV/c 43B (1973) 149
Eisenberg, Y., B. Haber, U. Karshon, J. Mikenberg, S. Pitluck, E.E. Ronat, A. Shapira, G. Yekutieli, Structure in the reaction $\pi^+ p \to \Delta^{++}\rho^0$ at 5 GeV/c 48B (1974) 354
Eisenhandler, E., N. Mistry, P. Mostek, R. Talman, Forward scattering of GeV photons from carbon and tungsten 24B (1967) 347
Eisenhandler, E., W.R. Gibson, C. Hojvat, P.I.P. Kalmus, L.C.Y. Lee Chi Kwong, T.W. Pritchard, E.C. Usher, D.T. Williams, M. Harrison, W.H. Range, M.A.R. Kemp, A.D. Rush, J.N. Woulds, G.T.J. Arnison, A. Astbury, D.P. Jones, A.S.L. Parsons, Differential cross-sections for $\bar{p}p \to \pi^-\pi^+$, K^-K^+ between 0.8 and 2.4 GeV/c 47B (1973) 531
Eisenhandler, E., W.R. Gibson, C. Hojvat, P.I.P. Kalmus, L.C.Y. Lee Chi Kwong, T.W. Pritchard, E.C. Usher, D.T. Williams, M. Harrison, W.H. Range, M.A.R. Kemp, A.D. Rush, J.N. Woulds, G.T.J. Arnison, A. Astbury, D.P. Jones, A.S.L. Parsons, Interpretations of the differential cross-sections for $\bar{p}p \to \pi^-\pi^+$ 47B (1973) 536
Eisenhandler, E., W.R. Gibson, C. Hojvat, P.I.P. Kalmus, L.C.Y. Lee Chi Kwong, T.W. Pritchard, E.C. Usher, D.T. Williams, M. Harrison, W.H. Range, M.A.R. Kemp, A.D. Rush, J.N. Woulds, G.T.J. Arnison, A. Astbury, D.P. Jones, A.S.L. Parsons, Some observations on the differential cross-sections for $pp \to K^-K^+$ 49B (1974) 201
Eisenstein, I., M.W. Kirson, Phenomenological three-body forces in the $f_{7/2}$ shell 47B (1973) 315
Eisenstein, R., see C. Ellegaard 35B (1971) 145
Eisenstein, R.A., U. Smilansky, Measurement of ground state quadrupole moments using simultaneous Coulomb excitations of target and projectile 31B (1970) 436
Eisner, A., see N. Hicks 29B (1969) 602
Eisner, R.L., A.C. Ammann, D.D. Carmony, A.F. Garfinkel, L.J. Gutay, R.V. Lakshmi, D.H. Miller, G.W. Tautfest, W.L. Yen, Coherent $K^*(890)$ production off deuterium 28B (1968) 356
Eisner, R.L., see D.H. Miller 29B (1969) 255
Eisner, R.L., see J.N. Carney 42B (1972) 124

Ejiri, H., J.P. Bondorf, The (p,γ) reaction through isobaric analogue- and giant dipole resonances 28B (1968) 304
Ejiri, H., S.M. Ferguson, I. Halpern, R. Heffner, Gamma-ray transitions from isobaric analogue states to low-lying states in ^{93}Tc 29B (1969) 111
Ejiri, H., see S.M. Ferguson 35B (1971) 214
Ejiri, H., T. Shibata, K. Satoh, Effective coupling constant for the M2 transition from the $1h_{11/2}$ to the $1g_{7/2}$ state in ^{143}Pm 38B (1972) 73
Ekspong, G., see H. Bøggild 30B (1969) 369
Ekstrand, K., see F. Ceradini 43B (1973) 341
Ekström, C., I. Lindgren, H. Nyqvist, A. Rosén, K.E. Ädelroth, Nuclear spins of ^{169}Lu, ^{170}Lu, ^{171}Lu, ^{165}Tm and ^{160}Er 26B (1967) 146
Ekström, C., S. Ingelman, B. Wannberg, I.-L. Lamm, Nuclear ground state spin of ^{167}Lu 39B (1972) 199
El-Abed, K., see A.Y. Abdul-Magd 39B (1972) 166
Elbakian, G.M., see L.O. Abrahamian 48B (1974) 463
Elend, H.H., Erratum 21B (1966) 720
Eliezer, S., R. Dutt, Realization of scale and chiral SU(3) × SU(3) invariance with Goldstone bosons and broken SU(3) coupling constants 40B (1972) 250
Eliezer, S., R. Weiner, SU(3) symmetry breaking and superfluidity of hadronic matter 50B (1974) 463
Elings, V., see U. Amaldi 36B (1971) 504
Elings, V.B., L.S. Osborne, A new test of SU(3) in meson photoproduction 22B (1966) 239
Eliseev, G.P., see V.D. Antopolsky 28B (1968) 220,223
Eliseev, G., see A. Babaev 38B (1972) 342
Ellegaard, C., see P.D. Barnes 23B (1966) 266
Ellegaard, C., J. Kantele, P. Vedelsby, Experimental evidence for particle-vibration coupling in ^{209}Pb 25B (1967) 512
Ellegaard, C., P. Vedelsby, Single-particle strength in the collective multiplet at 2.6 MeV in ^{209}Bi 26B (1967) 155
Ellegaard, C., P.D. Barnes, R. Eisenstein, T.R. Canada, Decay modes and lifetimes of the levels in the $(\pi h_{9/2} \cdot \nu g_{9/2})$ multiplet in ^{210}Bi 35B (1971) 145
Ellegaard, C., J.R. Lien, O. Nathan, G. Sletten, F. Ingebretsen, E. Osnes, P.O. Tjøm, O. Hansen, R. Stock, The $(1f_{7/2})^2$ multiplet in ^{42}Ca 40B (1972) 641
Elliot Jr., D.O., see G.W. Hoffmann 41B (1972) 47
Elliot, J.R., see M.E. Binkley 45B (1973) 295
Elliott, J.P., H.A. Mavromatis, E.A. Sanderson, Direct calculation of nuclear structure from the two-nucleon phase shifts 24B (1967) 358
Elliott, J.P., J.A. Evans, A new classification for the j^n configuration 31B (1970) 157
Ellis, A.E., see M. Evans 34B (1971) 609
Ellis, D.G., see J.L. Ellis 34B (1971) 419
Ellis, J., H. Osborn, Off-shell extrapolations of the Veneziano model and current algebra 31B (1970) 580
Ellis, J., H. Osborn, Erratum 31B (1970) 580; 33B (1970) 540
Ellis, J., Scale and chiral symmetry breaking 33B (1970) 591
Ellis, J., P.H. Weisz, B. Zumino, The dimension of scale symmetry breaking 34B (1971) 91
Ellis, J., J. Finkelstein, P.H. Frampton, M. Jacob, Duality and inclusive phenomenology 35B (1971) 227
Ellis, J., Light-cone analysis of inclusive electromagnetic processes 35B (1971) 537
Ellis, J., J. Finkelstein, R.D. Peccei, A lower bound for the triple Pomeron vertex 38B (1972) 174
Ellis, J., see M.S. Chanowitz 40B (1972) 397
Ellis, J., R.C. Brower 44B (1973) 81
Ellis, J.L., D.G. Ellis, Production of weak scalar bosons in lepton antilepton colliding beams 34B (1971) 419

Ellis, P.J., see T. Engeland 25B (1967) 57
Ellis, P.J., see K.T. Hecht 27B (1968) 479
Ellis, P.J., S. Siegel, Second order effective charges with realistic forces 34B (1971) 177
Ellis, P.J., E. Osnes, RPA renormalisation of the effective interaction in a Hartree–Fock basis 41B (1972) 97
Ellis, P.J., E. Osnes, RPA calculation of the effective charge in a Hartree–Fock basis 42B (1972) 335
Ellis, P.J., E. Osnes, On the properties of the effective interaction for a simple 2 × 2 matrix 45B (1973) 425
Ellis, P.J., E. Osnes, Monopole core polarization in a Hartree–Fock basis 49B (1974) 23
Ellis, R., see A. Böhm 49B (1974) 491
Ellis, R.J., see A. Bertin 38B (1972) 260; 41B (1972) 201; 42B (1972) 493
Ellis, S.D., A.I. Sanda, Inclusive reactions, finite-energy sum rules and reggeon-particle scattering 41B (1972) 87
Ellis, S.D., Non-scaling behaviour in parton models for large transverse momenta 49B (1974) 189
Ellis, W.E., R.R. Kinsey, T.W. Morris, R.S. Panvini, Analysis of reactions of the type $pp \to \Delta^{++} + M$ at 28.5 GeV/c; role of pion exchange in high energy scattering 32B (1970) 140
Ellis, W.E., R.R. Kinsey, T.W. Morris, R.S. Panvini, F. Turkot, Structure in the differential cross section of the reaction $p + p \to p + M$ ($M < 2.1$ GeV) for $|t| < 0.8$ (GeV/c)^2 at 29 GeV/c 32B (1970) 641
Ellison, R.J., see M.G. Albrow 29B (1969) 54; 33B (1970) 516
El Masri, Y., see R.M. Lieder 49B (1974) 161
Elmore, D., see W.P. Alford 42B (1972) 60; 46B (1973) 356
El-Nadi, M., see A.Y. Abdul-Magd 34B (1971) 566; 39B (1972) 166
El-Nadi, M., A. Osman, Coulomb disintegration of ^{6}Li 39B (1971) 156
El-Nadi, M., M.A. Sharaf, Absolute values of (d,p) stripping cross-sections 28B (1968) 165
El Nagar, N., see F.A. Zhivopistsev 31B (1970) 347
El Samarai, S.Kh., see I.V. Kurdyumov 31B (1970) 163
Elsner, B., see L.W. Jones 21B (1966) 590
Elton, L.R.B., A note on re-arrangement energy 25B (1967) 60
Elton, L.R.B., The distribution of neutrons in nuclei 26B (1967) 689
Elvekjaer, F., T. Inami, G. Ringland, Amplitude analysis of πN charge exchange at large momentum transfer 44B (1973) 91
Ely, R., see J. Bartsch 28B (1968) 439
Elze, Th.W., T. Von Egidy, J.R. Huizenga, (^{3}He, α) reactions on actinide elements 27B (1968) 78
Elze, Th.W., see H.J. Wollersheim 48B (1974) 323
Emelyanov, N.E., see V.D. Antopolsky 28B (1968) 220,223
Emmerich, W., see A. Hofmann 26B (1967) 378
Emmerson, J.McL., see D.R. Botterill 31B (1970) 325
Emmott, M.J., J.R. Leigh, D. Ward, Erratum 22B (1966) 719
Endo, I., K. Baba, H. Fujii, Y. Sumi, S. Anami, S. Ninomiya, S. Kato, A. Murakami, Single charged pion photoproduction from carbon above 300 MeV 47B (1973) 469
Endt, P.M., see G.A.P. Engelbertink 25B (1967) 263
Endt, P.M., see P.W.M. Glaudemans 28B (1968) 645
Endt, P.M., see A.M.F. Op den Kamp 39B (1972) 204
Endt, P.M., see G.A. Hokken 40B (1972) 195
Enge, H.A., see E.R. Cosman 22B (1966) 195
Engebretson, M.J., see I.R. Williams 26B (1967) 140
Engel, M.Y., I. Unna, What configuration mixing can be concealed in nuclear shell model calculations? 28B (1968) 12

Engelbertink, G.A.P., P.M. Endt, The $J \rightarrow J$ rule for M1 transitions in ^{38}Ar 25B (1967) 263
Engelbertink, G.A.P., K.W. Jones, J.W. Olness, E.K. Warburton, Lifetime of the 5^- 4585 keV ^{38}Ar level 33B (1970) 353
Engelbertink, G.A.P., see J.A.J. Hermans 50B (1974) 337
Engeland, T., P.J. Ellis, Calculation of particle-hole states in the 2s-1d shell 25B (1967) 57
Engeland, T., see K.T. Hecht 27B (1968) 479
Engeland, T., see A.K. Rej 45B (1973) 77
Engelhardt, H.D., see C.W. Lewis 47B (1973) 339
Engelmann, R., see H.G. Dosch 21B (1966) 236
Engelmann, R., H. Filthuth, V. Hepp, E. Kluge, Inelastic Σ^- p-interactions at low momenta 21B (1966) 587
Engelmann, R., see T. Ludham 48B (1974) 449
Engelmann, R., see R. Singer 49B (1974) 481
Engels Jr., E., see D.G. Cassel 34B (1971) 223
Engels, J., H. Satz, K. Schilling, The energy dependence of single particle spectra in e^-e^+ annihilation 49B (1974) 171
Engelstein, P., see C. Broude 39B (1972) 185
Engfer, R., see Van Niftrik 22B (1966) 490
Engfer, R., see H. Theissen 22B (1966) 623
Engfer, R., see R. Baader 27B (1968) 425,428
Engfer, R., see R. Link 37B (1971) 50; 42B (1972) 57
Engfer, R., see H.K. Walter 38B (1972) 64; 40B (1972) 197
England, A.C., see D. Harder 32B (1970) 610
England, J.B.A., R.G. Harris, L.H. Watson, D.H. Worledge, J.E. Evans, Polarization of ^{3}He particles elastically scattered by ^{12}C nuclei 30B (1969) 476
Engler, A., see J.C. Anderson 45B (1973) 165,521
Engler, A., see S. Dado 50B (1974) 275
Engler, G., see E. Abramson 38B (1972) 70
Engler, J., K. Horn, J. König, F. Mönnig, P. Schludecker, H. Schopper, P. Sievers, H. Ullrich, Total cross-sections for n-p and n-d scattering at 10 GeV/c neutron momentum 27B (1968) 599
Engler, J., K. Horn, J. König, F. Mönnig, P. Schludecker, H. Schopper, P. Sievers, H. Ullrich, K. Runge, Total neutron-nuclei cross-sections at 10 GeV/c 28B (1968) 64
Engler, J., K. Horn, J. König, F. Mönnig, P. Schludecker, H. Schopper, P. Sievers, H. Ullrich, K. Runge, Neutron-proton elastic scattering in the forward direction between 4 and 16 GeV 29B (1969) 321
Engler, J., K. Horn, F. Mönnig, P. Schludecker, W. Schmidt-Parzefall, H. Schopper, P. Sievers, H. Ullrich, R. Hartung, K. Runge, Yu. Galaktionov, Neutron-proton total cross-sections between 8 GeV/c and 21 GeV/c 31B (1970) 669
Engler, J., K. Horn, F. Mönnig, P. Schludecker, W. Schmidt-Parzefall, H. Schopper, P. Sievers, H. Ullrich, R. Hartung, K. Runge, Yu. Galaktionov, Neutron-nucleus total cross-sections between 8 GeV/c and 21 GeV/c 32B (1970) 716
Engler, J., K. Horn, F. Mönnig, P. Schludecker, W. Schmidt-Parzefall, H. Schopper, P. Sievers, H. Ullrich, R. Hartung, K. Runge, Yu. Galaktionov, Measurement of neutron-proton charge exchange scattering at 8, 19 and 24 GeV/c 34B (1971) 528
Englert, F., see R. Brout 27B (1968) 647; 29B (1969) 590
Englert, F., R. Brout, C. Truffin, Meson mass spectrum 29B (1969) 686
Englert, F., R. Brout, Dynamical theory of weak and electromagnetic interactions 49B (1974) 77
Englert, T.J., see B.C. Cook 26B (1967) 341

English, J., see J. Berryhill 27B (1968) 573
Enriotti, M., see P. Butera 41B (1972) 521
Ensslin, N., see L.W. Fagg 44B (1973) 163
Enstrom, J.E., see P. Söding 39B (1972) 1
Entis, A.C., see D.G. Cassel 34B (1971) 223
Entis, A.C., see R.L. McCarthy 42B (1972) 291
Entwistle, R.F., see G. Murray 28B (1968) 35
Epele, L., see V.A. Alessandrini 29B (1969) 83
Epperson, L.D., see M. Alston-Garnjost 33B (1970) 607; 34B (1971) 156
Epstein, M.B., I. Slaus, D. Shannon, J.R. Richardson, J.W. Verba, H.H. Forster, C. Kim, D.Y. Park, The effects of the neutron pickup process on ^{3}He (p,pd)p quasi-free scattering 36B (1971) 305
Eramzhyan, R.A., V.N. Fetisov, Yu. A. Salganic, The neutron channel in muon capture on ^{4}He 35B (1971) 143
Erb, K.A., see T.K. Sayor 42B (1972) 51
Erbe, R., H.G. Hilpert, E. Schüttler, W. Struczinski, K. Lanius, A. Meyer, A. Pose, H.J. Schreiber, K. Böckmann, J. Moebes, H.H. Nagel, B. Nellen, W. Tejessy, W.P. Swanson, G. Horlitz, E. Lohrmann, H. Meyer, G. Wolf, S. Wolff, Ch. Fliessbach, D. Lüke, H. Spitzer, F. Storim, H. Beisel, H. Filthuth, P. Steffen, P. Freund, N. Schmitz, P. Seyboth, J. Seyerlein, Photoproduction of vector mesons on protons at energies up to 5.8 GeV 27B (1968) 54
Erbil, H.H., R. Piepenbring, M2 transition in ^{180}W and ^{182}W 43B (1973) 23
Erdahl, R., see Y. Abgrall 43B (1973) 165
Erdas, F., see B. Bosco 32B (1970) 236
Erdas, F., B. Mosconi, A. Pompei, P. Quarati, The reaction ^{4}He(γ,d)d and the 2^{+} excited state of ^{4}He at 30 MeV 32B (1970) 659
Erens, G., see R. Van Wageningen 34B (1971) 184
Erens, G., see H. Fiedeldey 38B (1972) 15
Ericson, M., see J. Delorme 32B (1970) 443
Ericson, M., M. Rho, The σ-commutator term from π-nuclear scattering 36B (1971) 93
Ericson, M., M. Krell, Features of the π-nuclear scattering at low energy 38B (1972) 359
Ericson, M., A. Figureau, C. Thévenet, Pionic field and renormalization of the axial coupling constant in nuclei 45B (1973) 19
Ericson, T.E.O., see J. Delorme 21B (1966) 98
Ericson, T.E.O., Nuclear enhancement of T violation effects 23B (1966) 97
Ericson, T.E.O., J. Formánek, M.P. Locher, Pion-nuclear forward dispersion relations 26B (1967) 91
Ericson, T.E.O., M.P. Locher, Nucleon-nucleus forward dispersion relations 27B (1968) 576
Ericson, T.E.O., J. Hüfner, Pion scattering by nuclei in the region of the (3,3) resonance 33B (1970) 601
Ericson, T.E.O., J. Hüfner, Can polarizabilities of nuclei and elementary particles be determined from exotic atoms? 40B (1972) 459
Ericson, T.E.O., see J. Bernabeu 42B (1972) 93; 49B (1974) 381; 50B (1974) 467
Erikson, T., Configurational mixing and the magnetic moment of $f_{7/2}$-nucleons 43B (1973) 453
Erikson, T., V. Horsfjord, B. Nilsson, On the predictions of the coexistence model for the reaction ^{42}Ca(p,t)^{40}Ca 46B (1973) 173
Eriksson, J., see L. Nilsson 49B (1974) 165
Erkelenz, K., K. Holinde, R. Machleidt, An improved relativistic OBEP, two-nucleon and infinite nuclear matter data 49B (1974) 209
Erkkila, B.H., see S.C. Burnett 31B (1970) 523
Erkkilä, P., M. Saarela, A. Kallio, Muon capture rate in ^{16}O and the ground-state wave function 34B (1971) 5

Erlewein, W., see W. Braunschweig 33B (1970) 236
Erlewein, W., see H. Bienlein 46B (1973) 131
Erlewein, W., see Ch. Berger 47B (1973) 377
Ermilov, A., see A. Babaev 38B (1972) 342
Ermolov, P., see O. Balea 39B (1972) 571
Ermolov, P.F., see V.V. Ammosov 42B (1972) 519
Ermolov, P.F., see H. Blumenfeld 45B (1973) 525,528
Ermolov, P.F., see V.A. Bumazshnov 50B (1974) 283
Ermolov, P.F., see J. Derre 50B (1974) 287
Erné, F.C., see W.A.M. Veltman 23B (1966) 139
Erné, F.C., see S. Andersson 28B (1968) 611; 30B (1969) 56
Erné, F.C., see M.G. Albrow 34B (1971) 337; 35B (1971) 247; 40B (1972) 136; 42B (1972) 279; 44B (1973) 207,518
Erné, F.C., On the contribution of stopping protons to the rise in the proton-proton inelastic cross-section at high energies 49B (1974) 356
Ernst, A., see R. Müller 48B (1974) 25
Erö, J., see A.G. Artukh 33B (1970) 407
Erokhina, K.I., see D.S. Andreyev 32B (1970) 187
Erozolimsky, B.G., L.N. Bondarenko, Yu.A. Mostovoy, B.A. Obinyakov, V.P. Zacharova, V.A. Titov, A search for time-parity violation in the beta decay of polarized neutrons 27B (1968) 557
Erozolimsky, B.G., L.N. Bondarenko, Yu.A. Mostovoy, B.A. Obinyakov, V.A. Titov, V.P. Zacharova, A.I. Frank, Angular correlation between the neutron spin and the antineutrino momentum in the neutron decay 33B (1970) 351
Erriquez, O., see H. Braun 47B (1973) 182,185
Erwin, A.R., see A.T. Goshaw 22B (1966) 347
Erwin, A.R., see J. Bensinger 33B (1970) 505
Erwin, A.R., see J.R. Bensinger 36B (1971) 134
Erwin, A.R., Inelasticity multipion production from a quark model 36B (1971) 489
Erskine, J.R., see C.P. Browne 23B (1966) 371
Erskine, J.R., W. Henning, L.R. Greenwood, A high-resolution study of the $^{40}Ca(^{16}O,^{12}C)^{44}Ti$ reaction 47B (1973) 335
Erskine, R., see W.W.M. Allison 25B (1967) 619
Erskine, R., see D. Scotter 26B (1967) 474
Eschstruth, P.T., see R. Cester 21B (1966) 343
Escoubes, B., see M. Haguenauer 34B (1971) 219; 37B (1971) 530
Escoubes, B., see R. Arnold 36B (1971) 261
Escudié, J.L., see F. Resmini 37B (1971) 275
Escudié, J.L., see Y. Terrien 45B (1973) 235
Eska, G., E. Hagn, T. Butz, P. Kienle, E. Umlauf, Measurements of NMR on oriented ^{192}Ir and $^{191}Ir^{m}$ in Ni and Fe host lattices 36B (1971) 328
Eskola, K., An isomer of high spin and energy in ^{53}Fe 23B (1966) 471
Eskola, K., see A. Ghiorso 32B (1970) 95
Eskola, P., see A. Ghiorso 32B (1970) 95
Eskreys, A., see S. Brandt 22B (1966) 230
Eskreys, A., see J. Bartke 24B (1967) 118,163
Eskreys, A., see W.W.M. Allison 25B (1967) 619
Eskreys, E., see O. Balea 39B (1972) 571
Eskreys, K., see Alma ... collaboration 48B (1974) 277

Espigat, P., see C. Defoix 43B (1973) 141
Esposito, B., see C. Bacci 39B (1972) 559
Estabrooks, P., A.D. Martin, Analysis of $\pi^- p \to \pi^- \pi^+ n$ data at 17.2 GeV/c 41B (1972) 350
Estabrooks, P., A.D. Martin, Evidence for Regge shrinkage in π exchange 42B (1972) 229
Esten, M.J., M. Govan, W.L. Knight, D.J. Miller, S. Tovey, M.G. Bowler, R.J. Cashmore, D.H. Perkins, O.C. Waldron, The production of electron pairs of high invariant mass in 830 MeV/c (π^+-nucleus) interactions 24B (1967) 115
Esten, M.J., see K.D. Billing 25B (1967) 435
Esten, M.J., see F.W. Bullock 27B (1968) 402
Esten, M.J., see T. Eichten 40B (1972) 593; 46B (1973) 274,281
Esten, M.J., see F.J. Hasert 46B (1973) 121,138
Esterl, J.E., see J. Cerny 33B (1970) 284
Esterl, J.E., J.C. Hardy, R.G. Sextro, J. Cerny, Beta-delayed proton decay of ^{13}O: A violation of mirror symmetry 33B (1970) 287
Esveld, C.D., see D. Haidt 29B (1969) 691,696
Esveld, C.D., see W. Schweinberger 36B (1971) 246
Etim, E., M. Greco, Remarks on p-p elastic scattering at large momentum transfers 26B (1967) 313
Etim, E., P. Picchi, Field-current indentity and vacuum polarization effect of hadrons 28B (1968) 272
Etim, E., see A. Bramón 39B (1972) 514; 41B (1972) 609
Etim, E., Y. Srivastava, Conservation constraints for e^+e^- annihilation and electroproduction 41B (1972) 59
Etim, E., Conformal invariance and Bjorken scaling 41B (1972) 169
Etim, E., M. Creco, Y.N. Srivastava, Massive lepton pair production and the size of the photon 41B (1972) 507
Etim, E., Gribov–Lipativ reciprocity from conservation constraints and O(4) symmetry 45B (1973) 478
Etim, E., see G. De Franceschi 46B (1973) 452
Ettlinger, L., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Ettlinger, L., see C.-Y. Chien 33B (1970) 627; 35B (1971) 261
Ettlinger, L., see E. Dally 41B (1972) 647
Euschenko, V.A., see A.O. Weissenberg 48B (1974) 474
Evans, G.R., see K.J. Peach 35B (1971) 351; 43B (1973) 441
Evans, H.C., see D. Pelte 29B (1969) 660
Evans, H.C., see K.P. Jackson 33B (1970) 281
Evans, H.C., see D.W.O. Rogers 37B (1971) 65
Evans, J.A., see J.P. Elliott 31B (1970) 157
Evans, J.A., see R.J. Blin-Stoyle 36B (1971) 202
Evans, J.A., N. Kraus, An exact solution of the pairing plus monopole Hamiltonian using a boson representation of the group Sp_4 37B (1971) 455
Evans, J.E., see W.M. Currie 24B (1967) 399
Evans, J.E., see J.B.A. England 30B (1969) 476
Evans, J.S., see R.F. Petry 21B (1966) 541
Evans, M., A.E. Ellis, J.R. Leigh, J.O. Newton, The 9/2-[514] state in ^{185}Re 34B (1971) 609
Everett, D., P. Grossman, P. Mason, H. Muirhead, Pion, production in $\bar{p}p$ and $\bar{e}e$ annihilations 47B (1973) 541
Everling, F., see T.G. Dzubay 33B (1970) 302
Evers, D., G. Flügge, J. Morgenstern, T.W. Retz-Schmidt, H. Schmidt, J.W. Schmidt, S.J. Skorka, Widths of the 6.92(2^+) and 7.12(1^-) MeV levels in ^{16}O 27B (1968) 423
Evers, D., W. Stocker, Shell model calculations for ^{34}Cl and ^{38}K with the modified surface delta interaction including a tensor force 33B (1970) 559

Evers, D., see P. Sperr 49B (1974) 345
Evlanov, M.V., see A.G. Sitenko 50B (1974) 229
Evseyev, V., T. Kozlowski, V. Roganov, J. Wojtkowska, The neutron energy spectra from the $(\mu^-, \nu n)$ reaction on ^{32}S and ^{40}Ca 28B (1968) 553
Evwaraye, A.O., see S. Maripuu 43B (1973) 368
Ewan, G.T., see T. Yamazaki 24B (1967) 278
Ewan, G.T., G.I. Andersson, G.A. Bartholomew, A.E. Litherland, Gamma-ray polarization measurements with a single Ge(Li) detector 29B (1969) 352
Ewers, W.M., H. Kümmel, Three body decay of the 1.71 MeV (2^+) state of ^6He 26B (1967) 480
Extermann, P., see M. Bourquin 36B (1971) 615
Extermann, P., see P. Basile 36B (1971) 619
Extermann, P., see A. Zylbersztejn 38B (1972) 457
Ezawa, Z.F., Current commutators near the light cone 41B (1972) 605
Ezhela, V.V., A.A. Logunov, M.A. Mestvirishvily, V.A. Petrov, G.L. Rcheulishvily, Particle momentum cut-off in inclusive processes in the region of large angles 47B (1973) 501
Ezhov, S.N., see V.F. Demin 49B (1974) 217

Fabbri, F.L., see J. Banaigs 43B (1973) 535; 45B (1973) 535
Fabjan, C.W., see M. Bott-Bodenhausen 40B (1972) 693
Facchini, U., M.G. Marcazzan, L. Milazzo-Colli, E. Saetta-Menichella, Comparison between the values of the nuclear level density parameter at ~ 8 and ~ 20 MeV excitation energies 26B (1967) 278
Facchini, U., E. Gadioli-Erba, E. Saetta-Menichella, Respulsive nucleus-nucleus forces and statistical model of fission of heavy nuclei 28B (1968) 534
Facchini, U., E. Saetta-Menichella, On the sudden model for ternary fission 34B (1971) 572
Facchini, U., E. Saetta-Menichella, A statistical model for energy distribution actinide fission 49B (1974) 153
Faddeev, L.D., V.N. Popov, Feynman diagrams for the Yang-Mills field 25B (1967) 29
Fadeev, N., see O. Balea 39B (1972) 571
Fadeev, N., see Alma ... collaboration 48B (1974) 277
Fadeev, N.G., see V.K. Birulev 38B (1972) 452
Fadin, V.S. see V.N. Baier 27B (1968) 223; 35B (1971) 156; 49B (1974) 385
Fadner, W.L., J.J. Kraushaar, S.I. Hayakawa, Complex effective interactions in microscopic descriptions of (τ,t) scattering 40B (1972) 49
Faessler, A., P.U. Sauer, M.M. Stingl, The energy gap in ^{110}Pd according to the Hartree–Fock and the Hartree–Fock–Bogolyubov approaches 26B (1967) 71
Faessler, A., see H.H. Wolter 31B (1970) 516
Faessler, A., B. Slavov, How to calculate the nuclear deformation-energy surface from a single particle potential 31B (1970) 350
Faessler, A., A. Plastino, K.W. Schmid, Nuclear multi configuration Hartree–Fock calculation 34B (1971) 31
Faessler, A., K. Goeke, L. Satpathy, Nature of the lowest $T = 2$ states in ^{20}Ne and ^{24}Mg 35B (1971) 193
Faessler, A., see K. Goeke 35B (1971) 289; 41B (1972) 557
Faessler, A., see B. Slavov 37B (1971) 483
Faessler, A., U. Götz, B. Slavov, T. Ledergerber, Strongly deformed nuclei near the magic proton shell 82? 39B (1972) 579
Faessler, A., see J. Damgaard 43B (1973) 157
Faessler, A., L. Lin, F. Wittmann, The Coriolis anti-pairing effect and angular momentum projection in rare earth nuclei 44B (1973) 127
Faessler, A., see J.E. Galonska 45B (1973) 414
Faessler, A., F. Grümmer, L. Lin, J. Urbano, The strange backbending behaviour in the Yb isotopes 48B (1974) 87
Faessler, M.A., see A. Bamberger 36B (1971) 412
Faessler, M.A., G. Heinzelmann, K. Kilian, U. Lynen, H. Piekarz, J. Piekarz, B. Pietrzyk B. Povh, H.G. Ritter, B. Schürlein, H.W. Siebert, V. Soergel, A. Wagner, A.H. Walenta, Spectroscopy of the hypernucleus ^{12}C 46B (1973) 468
Faestermann, T., see C.V.K. Baba 43B (1973) 484; 48B (1974) 218
Fagerström, B., see S. Kullander 34B (1971) 197
Fagg, L.W., W.L. Bendel, N. Ensslin, E.C. Jones Jr., Search for solar-neutrino related M1 transitions in ^{6}Li using 180° electron scattering 44B (1973) 163
Fái, G., see J. Németh 48B (1974) 191
Faiman, D., D.E. Plane, SU(3) and the $\Sigma(1385)\pi$ decay mode of the D_{03} resonances 39B (1972) 358
Faiman, D., G. Goldhaber, Y. Zarmi, A fresh look at exotics 43B (1973) 307
Faiman, D., How large is the ρ-meson longitudinal coupling? 49B (1974) 365
Faiman, S., J. Rosner, Phases of resonant amplitudes: $\pi N \to \pi\Delta$ 45B (1973) 357
Fainberg, A., see M. Holder 35B (1971) 355,361; 36B (1971) 400; 40B (1972) 141

Fainberg, A., see G. Barbiellini 39B (1972) 663; 43B (1973) 529
Faissler, W., see H.R. Blieden 39B (1972) 668
Faissner, H., H. Foeth, A. Staude, K. Tittel, P. Darriulat, K. Kleinknecht, C. Rubbia, J. Sandweiss, M.I. Ferrero, C. Grosso, Interference between $K_L \to \pi^+\pi^-$ and $K_S \to \pi^+\pi^-$ behind a copper regenerator 30B (1969) 204
Faissner, H., see T. Eichten 40B (1972) 593; 46B (1973) 274
Faissner, H., see F.J. Hasert 46B (1973) 121
Faivre, J.C., see G. Bruge 22B (1966) 640,654
Faivre, J.C., see R. Bertini 45B (1973) 119
Fajardo, L.A., J.R. Ficenec, W.P. Trower, I. Sick, Elastic electron-zirconium scattering 37B (1971) 363
Fajardo, L.A., see J.R. Ficenec 42B (1972) 213
Fäldt, G., H. Pilkuhn, Coulomb "flux corrections" and total cross-sections for pion-nucleus interactions in the Δ-resonance region 40B (1972) 613
Fäldt, G., H. Pilkuhn, Inner Coulomb corrections to pion-nucleus scattering 46B (1973) 337
Falk-Vairant, P., see P. Bonamy 23B (1966) 501
Fallieros, S., see T.J. Deal 44B (1973) 224
Fanchiotti, H., see V.A. Alessandrini 29B (1969) 83
Fann, H., J.P. Schiffer, U. Strohbusch, $^{91}Zr(\tau,\alpha)^{90}Zr$ and the $T = 1g_{9/2}-d_{5/2}$ matrix elements: test of an average effective interaction 44B (1973) 19
Fann, H.L., see M.L. Roush 23B (1966) 355
Fant, B., see I. Bergström 32B (1970) 476
Faraggi, H., see G. Bruge 22B (1966) 640,654
Farber, M.S., see J.C. Berlinghieri 27B (1968) 665
Farber, M.S., see P.H. Stuntebeck 32B (1970) 391
Farley, F.J.M., see J. Bailey 28B (1968) 287
Farley, F.J.N., Pitch correction in $(g-2)$ experiments 42B (1972) 66
Farrar, G.R., How big are anomalous dimensions? 44B (1973) 275
Faruqi, A.R., see D.M. Binnie 27B (1968) 106; 36B (1971) 257
Farwell, C.W., see B. Daugeras 27B (1968) 332
Farwell, C.W., see R. Huson 28B (1968) 208
Faustov, R., Magnetic moment of the hydrogen atom 33B (1970) 422
Favart, D., see P. Igo-Kemenes 34B (1971) 286
Favart, D., see H.G.E. Kobrak 43B (1973) 526
Favart, D., see A. Possoz 50B (1974) 438
Favier, B., see P. Schwaller 35B (1971) 243
Favier, J., T. Bressani, G. Charpak, L. Massonet, W.E. Meyerhof, Č. Zupančič, Nuclear structure effects in $(\pi^+, 2p)$ reactions 25B (1967) 409
Favier, J., J.C. Alder, C. Joseph, B. Vaucher, D. Schinzel, Č. Zupančič, T. Bressani, E. Chiavassa, Radiative capture of negative pions on protons in the momentum range from 220 GeV/c to 380 MeV/c 31B (1970) 609
Fayans, S.A., V.A. Khodel, Relation between nuclear matrix elements for first-forbidden beta-decays 30B (1969) 5
Fayans, S.A., V.A. Khodel, Calculations of nuclear matrix elements for beta-decay of RaE 31B (1970) 99
Fayans, S.A., Corrections to the ft-values of $0^+ \to 0^+$ superallowed β-transitions and effective constant G_V' of nuclear β-decay 37B (1971) 155
Fayet, P., $|\Delta I| = \frac{1}{2}$ rule in non-leptonic weak interactions with Han–Nambu quarks 48B (1974) 145
Fayoux, M.L., see M. Banner 21B (1966) 582; 25B (1967) 300
Fayyazuddin, Riazuddin, Veneziano formula and $A_1\rho\pi$ system 28B (1968) 561

Fayyazuddin, Riazuddin, Erratum 29B (1969) 262
Fayyazuddin, see Riazuddin 40B (1972) 583
Fechner, J., C. Günther, H. Hübel, R.S. Raghavan, K.-H. Speidel, H. Toschinski, B. Wolbec, On the existence of directional correlations between KX rays following electron capture and nuclear gamma rays 26B (1967) 374
Federman, P., H.R. Rubinstein, I. Talmi, Dynamical derivation of baryon masses in the quark model 22B (1966) 208
Federman, P., I. Talmi, Nuclear energy levels of calcium isotopes 22B (1966) 469
Federsel, H., E.-J. Kanellopoulos, W. Sünkel, K. Wildermuth, Examples of a unified nuclear reaction theory 33B (1970) 140
Fedorov, V.B., see Y.D. Bajukov 24B (1967) 598; 33B (1970) 416
Fedorov, V.B., see A.O. Aganyants 27B (1968) 590
Fedotov, S.I., see D.A. Arseniev 40B (1972) 305
Feibelman, P.J., Surface phenomena in Fermi liquids 26B (1967) 601
Feil, M., see H.G. Bohlen 41B (1972) 425
Feilitzsch, F., see C.V.K. Baba 43B (1973) 484; 48B (1974) 218
Feinberg, E.L., On Feynman's scaling in high energy multiple hadron production 39B (1972) 237
Feiock, D., see J. Anderson 45B (1973) 521
Feldman, G., see N. Hicks 29B (1969) 602
Feldman, W., see M. Suffert 24B (1967) 579
Feldman, W., D.W. Heikkinen, W.E. Meyerhof, Radiative capture in the $^{7}Li(^{16}O, \gamma)^{23}Na$ reaction 25B (1967) 593
Feldmeier, H., see M. Conze 43B (1973) 101
Feldstein, H., see S. Amiel 31B (1970) 59
Felea, S., see E.G. Bubelev 24B (1967) 246
Felea, S., see O. Balea 39B (1972) 571
Felea, S., see E. Balea 46B (1973) 389
Felea, S., see Alma ... collaboration 48B (1974) 277
Felicetti, F., see B. Bartoli 36B (1971) 593,598
Feller, P., H. Herr, E. Hilger, V. Kadansky, D. Menze, Th. Miczaika, U. Opara, W.J. Schwille, Photoproduction of neutral pions off hydrogen at photoenergies between 0.55 and 2.2 GeV at a cm-angle of 120° 49B (1974) 197
Felsner, G., On proton-proton bremsstrahlung 25B (1967) 290
Felst, R., see M. Bott-Bodenhausen 23B (1966) 277; 24B (1967) 194,438
Felst, R., see W. Bartel 30B (1969) 286; 33B (1970) 245; 35B (1971) 181; 39B (1972) 407
Felst, R., see P. Brauel 45B (1973) 389; 50B (1974) 507
Felsteiner, J., B. Rosner, Beta branch in the decay of $^{143}Sm^{m}$ 31B (1970) 12
Feltesse, J., see R. Ayed 32B (1970) 404
Feng, D.H., R.H. Ibarra, M. Vallieres, Large basis shell-model study of nucleon-transfer overlaps 46B (1973) 37
Feng, D.H., R.H. Ibarra, G.S. Mani, M. Vallieres, Form factors for heavy ion two nucleon transfer reactions 47B (1973) 477
Feng, D.H., see A.R. Barnett 48B (1974) 290
Fenin, Yu.I., see V.N. Efimov 37B (1971) 269
Fenster, S., A.D. Karpf, Dual loop terms and counterterms by means of their projective group 34B (1971) 415
Fenyuk, A., see O. Balea 39B (1972) 571
Fenyuk, A.B., see V.V. Ammosov 42B (1972) 519

Fenyuk, A.S., see V.A. Bumazshnov 50B (1974) 283
Fenyves, E., see G. Bozóki 28B (1968) 360; 30B (1969) 498
Fenyves, E., see Z.S. Strugalski 29B (1969) 518,532
Fenyves, E., see E.V. Anzon 31B (1970) 237,241
Ferbel, T., Production of A_1, A_2, and B mesons in high-energy $\pi^{\pm}$p interactions 21B (1966) 111
Ferbel, T., see J.C. Berlinghieri 27B (1968) 665
Ferbel, T., see W.M. Katz 31B (1970) 329
Ferbel, T., see S.L. Stone 32B (1970) 515
Ferbel, T., see J. Anderson 45B (1973) 521
Ferbel, T., see J.W. Chapman 47B (1973) 465
Ferguson, A.J., see G.A. Bartholomew 24B (1967) 47
Ferguson, A.J., see E.D. Earle 32B (1970) 471; 33B (1970) 476
Ferguson, A.J., see O. Häusser 38B (1972) 75
Ferguson, R.L., F. Plasil, G.D. Alam, H.W. Schmitt, Fission fragment mass distributions and kinetic energies for spontaneously fissioning isomers 31B (1970) 526
Ferguson, S.M., see H. Ejiri 29B (1969) 111
Ferguson, S.M., R. Heffner, H. Ejiri, Electric quadrupole transitions from high spin states in the beta-vibrational band of ^{154}Gd 35B (1971) 214
Fernandez, F., see Barcelona ... collaboration 48B (1974) 467
Ferrando, A., see R. Arnold 27B (1968) 466
Ferrando, A., see C. Baglin 29B (1969) 445
Ferrando, A., see V. Chaloupka 44B (1973) 211
Ferrando, A., see J. Louie 48B (1974) 385
Ferrara, S., see P. Di Vecchia 29B (1969) 114
Ferrara, S., A.F. Grillo, R. Gatto, Improved light-cone expansion 36B (1971) 124
Ferrara, S., A.F. Grillo, R. Gatto, Erratum 38B (1972) 188
Ferrara, S., A.F. Grillo, G. Parisi, R. Gatto, Canonical scaling and conformal invariance 38B (1972) 333
Ferrara, S., A.F. Grillo, R. Gatto, Logarithmic scaling and spontaneous breaking 42B (1972) 264
Ferrara, S., Reducible scale invariance at short distances 44B (1973) 188
Ferrara, S., R. Gatto, G. Parisi, A group theoretical derivation of the Gribov–Lipatov reciprocity relation 44B (1973) 381
Ferrara, S., A.F. Grillo, G. Parisi, Possible tests of scale invariance in very high-energy e^+e^- collisions 45B (1973) 63
Ferrara, S., see G. De Franceschi 46B (1973) 452
Ferrara, S., L. Stodolsky, Multiplicities and form factors in an independent emission model of e^+e^- annihilation 48B (1974) 249
Ferrara, S., M. Testa, Canonical dimensions in asymptotically conformal invariant theories 49B (1974) 95
Ferrari, E., V.S. Mathur, L.K. Pandit, Two pion decay modes of the K-mesons 21B (1966) 560
Ferrari, E., G. Violini, A consistent approach to continuous moment sum rules 28B (1968) 684
Ferrer, A., see T. Eichten 27B (1968) 586
Ferrer, L., see M. Haguenauer 34B (1971) 219; 37B (1971) 538
Ferrer, M.L., see Orito 48B (1974) 380
Ferrero, M.I., see H. Faissner 30B (1969) 204
Ferrero, M.I., see P. Darriulat 30B (1969) 209; 33B (1970) 249
Ferrero, M.I., see H. Foeth 30B (1969) 276,282; 31B (1970) 544
Ferrero, M.I., see V. Bisi 36B (1971) 533; 50B (1974) 504
Ferrero, M.I., see G. Barbiellini 39B (1972) 663

Ferrero, M.L., see A. Böhm 49B (1974) 491
Ferro Fontán, C., see P. Di Vecchia 27B (1968) 296,521
Ferro Fontán, C., see C.A. Dominguez 31B (1970) 365
Ferro Fontán, C., see J. Bernabeu 49B (1974) 381
Ferro-Luzzi, M., see R. Armenteros 24B (1967) 198; 28B (1968) 521
Ferro-Luzzi, M., see C. Bricman 29B (1969) 451; 31B (1970) 148,152; 33B (1970) 511
Ferro-Luzzi, M., H.K. Shepard, A. Kernan, R.T. Poe, B.C. Shen, Duality in $KN \to \pi\Lambda, \pi\Sigma$ 34B (1971) 524
Ferro-Luzzi, M., see A. Kernan 41B (1972) 163
Ferro-Luzzi, M., see P. Baillon 50B (1973) 377,383,387
Fesefeldt, H., see H.J. Mück 39B (1972) 303
Fesefeldt, H., see V. Blobel 48B (1974) 73
Feshbach, H., see E. Lambert 38B (1972) 487
Feshbach, H., P.A. Mello, A comment on the ratio of average width to average spacing of nuclear resonances 39B (1972) 461
Feshbach, H., K. Huang, Fragmentation of relativistic heavy ions 47B (1973) 300
Feshbach, H., F. Iachello, The interacting boson model structure of ^{16}O 45B (1973) 7
Feshbach, H., see E. Boridy 50B (1974) 433
Fetisov, V.N., Structure of the three-particle nuclei from photodisintegration experiments 21B (1966) 52
Fetisov, V.N., Polarization phenomena in the direct and inverse photonuclear reactions with tritium and helium-3 25B (1967) 94
Fetisov, V.N., E.V. Koshhelkova, Dipole sum rule for three-particle nuclei with the Gammel–Brueckner potential 29B (1969) 157
Fetisov, V.N., see R.A. Bramzhyan 35B (1971) 143
Fetisov, V.N., M.I. Kozlov, A.I. Lebedev, On the possibility of hypernucleus production by high energy protons and electrons 38B (1972) 129
Fetisov, V.N., Yu.S. Kopysov, Are the solar-neutrino experiments suggestive of the existence of a resonance in the $^3He + {}^3He$ system? 40B (1972) 602
Fetkovich, J., see L.G. Hyman 25B (1967) 376
Fetkovich, J.G., B.R. Riley, I.-T. Wang, The atomic cascade of negative particles in liquid helium 35B (1971) 178
Fetscher, W., K. Sattler, N.C. Schmeing, E. Seibt, Ch. Weddigen, E.J. Kanellopoulos, Differential cross-section for $^3He - {}^4He$ elastic scattering at 44.5 MeV center-of-mass energy 34B (1971) 171
Fetscher, W., E. Seibt, Ch. Weddigen, E.J. Kannellopoulos, Evidence for neutron exchange in the $^3He - {}^4He$ elastic scattering at medium energies 35B (1971) 31
Fett, E., see D. Haidt 29B (1969) 691
Feuvrais, L., see C. Détraz 22B (1966) 638
Fiałkowski, K., see A. Białas 39B (1972) 211; 45B (1973) 337
Fiałkowski, K., A simple explanation of correlation data in inclusive pp interactions at high energy 41B (1972) 379
Fiałkowski, K., H.I. Miettinen, High energy multiplicity distributions and the two-component picture of particle production 43B (1973) 61
Fiałkowski, K., H.I. Miettinen, A comment on the early onset of semi-inclusive scaling in proton-proton collisions 43B (1973) 493
Fiarman, S., E.J. Ludwig, L. Mechelman, A.B. Robbins, Isobaric analogue state polarization measurements to determine the spin of ^{145}Sm 22B (1966) 175
Ficenec, J.R., W.P. Trower, K^-p total and elastic cross sections at 2.66 GeV/c 25B (1967) 369
Ficenec, J.R., W.P. Trower, J. Heisenberg, I. Sick, Elastic electron-nickel scattering 32B (1970) 460

Ficenec, J.R., see L.A. Fajardo 37B (1971) 363
Ficenec, J.R., L.A. Fajardo, W.P. Trower, I. Sick, Elastic electron-tin scattering 42B (1972) 213
Fick, D., Polarizer targets – why? An answer in the framework of the nondynamical description of nuclear reactions 24B (1967) 13
Fick, D., G. Clausnitzer, W. Dürr, R. Fleischmann, H.M. Hofmann, K. Kilian, The j-dependence of the vector analyzing power in the ^{6}Li(d,p)^{7}Li reaction 27B (1968) 366
Fick, D., H.W. Franz, A new excited level in ^{4}He 27B (1968) 541
Fick, D., see K. Kilian 34B (1971) 283
Fick, D., see K.D. Hildenbrand 42B (1972) 425
Fick, D., see C.K. Gelbke 43B (1973) 284
Fick, D., see H. Schröder 48B (1974) 206
Fickinger, W., see J. Alitti 21B (1966) 354
Fickinger, W., see J.C. Anderson 45B (1973) 165,521
Fickinger, W., see S. Dado 50B (1974) 275
Fidecaro, G., M. Fidecaro, J.A. Poirier, P. Schiavon, Determination of an upper limit for the partial width $\Gamma(\rho\pi\gamma)$ 23B (1966) 163
Fidecaro, G., see F. Bradamante 28B (1968) 191; 31B (1970) 87; 32B (1970) 303; 44B (1973) 202
Fidecaro, M., see G. Fidecaro 23B (1966) 163
Fidecaro, M., see F. Bradamante 28B (1968) 191; 31B (1970) 87; 32B (1970) 303; 44B (1973) 202
Fidler, R.W., The hadronic production of muon pairs 46B (1973) 455
Fiedeldey, H., Off-shell effects in the three-nucleon problem 30B (1969) 603
Fiedeldey, H., The sensitivity of the binding energies of the triton and nuclear matter to the high-energy phase shift 35B (1971) 195
Fiedeldey, H., G. Erens, Nearly separable potentials 38B (1972) 15
Fiedeldey, H., see N.J. McGurk 49B (1974) 13
Field, J., T. Hendricks, O. Piccioni, P. Yager, Experimental $K^{*}(1410)$ branching ratios 24B (1967) 638
Field, R.C., see D.R. Botterill 31B (1970) 325
Field, R.C., see A.R. Clark 41B (1972) 229
Field Jr., R.D., see P.R. Robrish 31B (1970) 617
Field Jr., R.D., Polarization and unnatural parity exchange in $K^{-}p \to (\omega, \varphi)\Lambda$ and $\pi^{-}p \to K^{*0}\Lambda$ 39B (1972) 389
Fields, P.R., R.F. Barnes, R.K. Sjoblom, J. Milsted, Nuclear properties of ^{242}Cf, ^{243}Cf, ^{244}Cf and ^{245}Cf 24B (1967) 340
Fields, T., see J. Mott 23B (1966) 171
Fields, T., see L.G. Hyman 25B (1967) 376
Fields, T., see R. Davis 27B (1968) 532
Fields, T., W.A. Cooper, D.S. Rhines, J. Whitmore, W.W.M. Allison, Comparison of new data on $\bar{p}p \to \pi^{-}\pi^{+}$ and other two meson states at 2.3 GeV/c 40B (1972) 503
Fields, T., see R. Singer 49B (1974) 481
Fifield, L.K., see R.W. Zurmühle 44B (1973) 453
Figureau, A., see M. Ericson 45B (1973) 19
Filippas, T.A., see S. Focardi 24B (1967) 314
Filippas, T.A., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Filippas, T.A., see Th. Papadopoulou 43B (1973) 401
Filippov, A.T., see B.A. Arbuzov 21B (1966) 711
Filthuth, H., see H.G. Dosch 21B (1966) 236
Filthuth, H., see R. Engelmann 21B (1966) 587
Filthuth, H., see H.G. Hilpert 23B (1966) 707

Filthuth, H., see R. Armenteros 24B (1967) 198; 28B (1968) 521
Filthuth, H., see R. Erbe 27B (1968) 54
Filthuth, H., see F. Eisele 37B (1971) 204
Filthuth, H., see M. Baggett 42B (1972) 379
Filthuth, H., see S. Gjesdal 44B (1973) 217
Filthuth, H., see C. Geweniger 48B (1974) 483,487
Finer, U.M., see R.V. Jolos 27B (1968) 614
Finger, H., see H.G. Hilpert 27B (1968) 474
Fink, B., C. Toepffer, Dynamical treatment of the absorption in heavy ion reactions 45B (1973) 411
Fink, M., M. Gari, J.G. Zabolitzky, On the parity nonconserving alpha-decay from the 3^+, $T = 0$ 11.06 MeV state in ^{16}O 38B (1972) 189
Fink, M., H. Hebach, J. Schlitter, H. Kümmel, Elastic electron scattering with short range correlations in ^4He and ^{16}O 39B (1972) 147
Fink, M., M. Gari, H. Hebach, Electric dipole sum rule for light even-even nuclei via Breuckner–Hartree–Fock (BHF) wave functions 49B (1974) 20
Fink, R.W., see P. Venugopala Rao 26B (1967) 618
Finkelstein, J., K. Kajantie, Multiple Pomeranchuk exchange violates unitarity 26B (1967) 305
Finkelstein, J., see C.B. Chiu 27B (1968) 510
Finkelstein, J., see F. Von Hippel 31B (1970) 226
Finkelstein, J., S.M. Roy, An upper bound on Pomeranchuk theorem violation in KN scattering 34B (1971) 322
Finkelstein, J., F. Zachariasen, Self-consistent rising cross-sections 34B (1971) 631
Finkelstein, J., see J. Ellis 35B (1971) 227; 38B (1972) 174
Finkelstein, J., see P. Chliapnikov 35B (1971) 581
Finkelstein, J., R. Rajaraman, Some consequences of exchange degeneracy and the triple-Regge-hypothesis 36B (1971) 459
Finken, D., see K.H. Althoff 26B (1968) 677
Finken, D., see H. Brückmann 29B (1969) 223
Finkler, P., see J.V. Beaupré 40B (1972) 510
Finlay, R.W., see R.C. Braley 26B (1967) 248
Finney, P.J., see A. Larribe 23B (1966) 600
Finney, P.J., see D.C. Colley 24B (1967) 489
Finney, P.J., see W.W.M. Allison 25B (1967) 619
Finocchiaro, G., see P. Astbury 22B (1966) 537; 23B (1966) 160; 23B (1966) 396
Finocchiaro, G., see A.M. Cnops 22B (1966) 546; 26B (1967) 398; 27B (1968) 113
Finocchiaro, G., see R.A. Bowen 24B (1967) 206
Finocchiaro, G., see W. Beusch 25B (1967) 357
Finocchiaro, G., see J.P. Dufey 26B (1967) 410; 29B (1969) 605
Finocchiaro, G., see H.R. Blieden 39B (1972) 668
Finocchiaro, G., see R. Amendolia 44B (1973) 119
Finocchiaro, G., see G. Bellettini 45B (1973) 69
Finocchiaro, G., see S.R. Amendolia 48B (1974) 359
Finocchiaro, G., P. Grannis, D. Green, H. Jöstlein, R. Kephart, R. Thun, S.R. Amendolia G. Bellettini, P.L. Braccini, C. Bradaschia, R. Castaldi, C. Cerri, T. Del Prete, L. Foà, P. Giromini, P. Laurelli, A. Menzione, L. Ristori, G. Sanguinetti, M. Valdata, Measurement of charged particle multiplicities associated with large transverse momentum photons in proton-proton collisions 50B (1974) 396
Fiorentino, E., see V. Alles-Borelli 36B (1971) 149; 40B (1972) 433

Fiorentino, E., see M. Bernardini 44B (1973) 393; 45B (1973) 169,510
Fiorentino, E., see M. Bernardini 46B (1973) 261
Fiorini, E., A. Pullia, G. Bertolini, F. Cappellani, G. Restelli, A search for lepton non-conservation in double beta decay with a germanium detector 25B (1967) 602
Fiorini, E., see R. Huson 28B (1968) 208
Fiorini, E., see T. Eichten 40B (1972) 593; 46B (1973) 274,281
Fiorini, E., see F.J. Hasert 46B (1973) 121,138
Firestone, A., see B.C. Shen 25B (1967) 443
Firestone, A., see G. Alexander 27B (1968) 177
Firestone, A., G. Goldhaber, D. Lissauer, G.H. Trilling, Evidence for structure in the Kπ mass system near 1.85 GeV 36B (1971) 513
Firk, F.W.K., see C.-P. Wu 29B (1969) 359; 32B (1970) 675
Firk, F.W.K., see G.W. Cole Jr. 30B (1969) 91
Firk, F.W.K., see G.T. Hickey 47B (1973) 348
Firkowski, R., see M.N. Khachaturyan 24B (1967) 349
Firomini, P., see G. Bellettini 45B (1973) 69
Fischbach, E., E.P. Harper, Y.E. Kim, A. Tubis, W.K. Cheng, Calculation of meson-exchange corrections to triton beta decay using realistic nuclear wave functions 38B (1972) 8
Fischer, C.M., see W.W.M. Allison 25B (1967) 619
Fischer, G., see M. Breidenbach 39B (1972) 654
Fischer, G.E., see A.M. Boyarski 34B (1971) 547
Fischer, G.E., see P. Baillon 35B (1971) 453
Fischer, G.P., see W.F. Baker 28B (1968) 291
Fischer, J., S. Iwata, V. Radeka, C.L. Wang, W.J. Willis, A new transition radiator-detector system for particle identification at high energies 49B (1974) 393
Fischer, M., see G. Chikovani 25B (1967) 44
Fischer, U., H. Jäger, W. Lochte-Holtgreven, Neutron emission observed during the electrical explosion of deuterated liquids of metallic conductivity 44B (1973) 161
Fischer, W., see H. Högaasen 22B (1966) 516
Fischer, W., see P. Astbury 23B (1966) 396
Fischer, W., H. Hühnermann, K. Mandrek, H. Ihle, Optical determination of the quadrupole moment of ^{138}La 40B (1972) 87
Fischer, W.E., see P. Astbury 22B (1966) 537; 23B (1966) 160
Fischer, W.E., see W. Beusch 25B (1967) 357; 28B (1968) 211
Fischer, W.E., see M. Pepin 26B (1967) 35
Fischman, I., C.E. Thorn, A.M. Bernstein, D. Cline, Dominance of the stripping over the knockout mechanism in the ^{40}Ca(α,p)^{43}Sc reaction at 28.5 MeV 41B (1972) 298
Fishbane, P.M., J.D. Sullivan, Inelastic e-p scattering in massive quantum electrodynamics 37B (1971) 68
Fishbane, P.M., J.L. Newmeyer, J.S. Trefil, Non-classical effects in multiparticle propagation through a nucleus and the $\pi \to A_1$ problem 41B (1972) 153
Fishbane, P.M., J.S. Trefil, Approach to scaling in the scattering of composite systems 45B (1973) 503
Fisher, C.M., see A. Larribe 23B (1966) 600
Fisher, C.M., see D.C. Colley 24B (1967) 489
Fisher, G.A., see M. Hasinoff 30B (1969) 337
Fisher, G.P., see D.D. Allen 21B (1966) 468; 22B (1966) 543
Fisher, G.P., see V. Domingo 24B (1957) 642; 25B (1967) 486
Fisher, P.S., see J.M. Nelson 31B (1970) 445
Fisher, P.S., see N. Anyas-Weiss 45B (1973) 231; 47B (1973) 442

Fisher, P.S., see D. Strottman 47B (1973) 16
Fisher, T.R., see P. Paul 24B (1967) 51
Fisher, T.R., The tensor spin-spin potential in the ^{59}Co+n reaction 35B (1971) 573
Fitz, W., see K. Bähr 21B (1966) 686
Fitzpatrick, M.L., see K.W.D. Ledingham 50B (1974) 247
Flaminio, E., see M. Deutschmann 22B (1966) 112
Flaminio, E., see J. Bartsch 22B (1966) 357; 25B (1967) 48
Flaminio, E., see F. Crijns 22B (1966) 533
Flaminio, E., see M. Aderholz 24B (1967) 434
Flamm, D., W. Kummer, Muon structure from scattering on polarized protons 25B (1967) 286
Flamm, D., W. Majerotto, Are the hadron isomultiplet splittings of electromagnetic origin? 26B (1967) 24
Flatté, S.M., see M. Alston-Garnjost 33B (1970) 607; 34B (1971) 156; 36B (1971) 152; 39B (1972) 402
Flatté, S.M., M. Alston-Garnjost, A. Barbaro-Galtieri, S.E. Derenzo, J.H. Friedman, G.R. Lynch, S.D. Protopopescu, M.S. Rabin, F.T. Solmitz, f^0 mass spectrum in 7-GeV/c π^+p interactions 34B (1971) 551
Flatté, S.M., R.J. Decoster, M.L. Stevenson, W.T. Toner, T.F. Zipf, Zenith-angle distribution of atmospheric muons above 1 TeV 35B (1971) 345
Flatté, S.M., M. Alston-Garnjost, A. Barbaro-Galtieri, J.H. Friedman, G.R. Lynch, S.D. Protopopescu, M.S. Rabin, F.T. Solmitz, Analysis of the observed anomaly in $\pi\pi$ s-wave scattering near $K\bar{K}$ threshold 38B (1972) 232
Flatté, S.M., see S.U. Chung 47B (1973) 526
Flauger, W., see W. Albrecht 26B (1967) 642; 28B (1968) 225
Fleischer, R.L., see P.B. Price 30B (1969) 246
Fleischmann, R., see G. Clausnitzer 25B (1967) 267,466
Fleischmann, R., see D. Fick 27B (1968) 366
Fleischmann, R., see G. Graw 28B (1968) 583; 30B (1969) 465
Fleming, D.G., see B. Skaali 40B (1972) 446
Fleming-Tompa, E., see F.W. Bullock 27B (1968) 402
Fletcher, C.R., see N.D. Gabitzsch 47B (1973) 234
Fletcher, C.R., see M. Furic 47B (1973) 241
Fletcher, E.R., see W. Gajewski 21B (1966) 673; 23B (1966) 152
Fleury, A., F. Mivielle, G.N. Simonoff, Interaction des ions bore 10 et bore 11 avec des noyaux d'uranium 24B (1967) 576
Fleury, A., see H. Delagrange 37B (1971) 355
Fleury, P., see R. Vanderhagen 24B (1967) 493
Fleury, P., R. Vanderhagen, M. Goldberg, B. Makowski, B. Ghidini, A. Romano, A. Quareni-Vignudelli, Observations of nucleon isobars in the reaction $\pi^-n \to \{p\pi^-\}\pi^-\pi^0$ at 5 GeV/c 26B (1968) 682
Fleury, P., J. Huc, R. Vanderhagen, J. Duboc, R. George, M. Goldberg, V. Picciarelli, A. Romano, A. Quareni-Vignudelli, N enhancements observed in the reaction $\pi^-n \to p\pi^-\pi^-\pi^0$ at 5 GeV/c 26B (1968) 686
Fleury, P., see K. Böckmann 28B (1968) 72
Fleury, P., see W.F. Baker 28B (1968) 291
Fleury, P., see P.J. Carlson 33B (1970) 502
Fleury, P., see V. Chabaud 38B (1972) 441,445,449; 41B (1972) 209
Fleury, P., see A. Eide 41B (1972) 225
Fleury, P., see C. Baglin 47B (1973) 85, 89
Fliagine, V.B., see G. Bozóki 28B (1968) 360
Fliagine, V.B., see C. Mayeur 33B (1970) 441

Fliagine, V.B., see P. Beillière 39B (1972) 671
Fliagine, V.B., see G. Wilquet 42B (1972) 372
Fliessbach, Ch., see R. Erbe 27B (1968) 54
Flocard, H., see I. Sick 39B (1972) 443
Flocard, H., see M. Cailliau 46B (1973) 11
Flocard, H., P. Quentin, D. Vautherin, Self-consistent calculation of the ground state properties of some rare-earth nuclei 46B (1973) 304
Flocard, H., Constrained Hartree–Fock calculation for the reaction $^{16}O + {}^{16}O \leftrightarrow {}^{32}S$ 49B (1974) 129
Flores, J., R. Pérez, SU_3 symmetry and realistic interactions 26B (1967) 55
Flores, J., see G. Cocho 31B (1970) 639
Flores, J., see O. Bohigas 34B (1971) 261; 35B (1971) 383
Flowers, B.H., I.P. Johnstone, Odd parity levels in ^{43}Sc 23B (1966) 119
Flügge, G., see J. Morgenstern 27B (1968) 370
Flügge, G., see D. Evers 27B (1968) 423
Flügge, G., see M. Breidenbach 39B (1972) 671
Flügge, G., see H. Dibon 44B (1973) 313
Fluri, L., see R. Link 37B (1971) 50
Fluri, L., see P. Le Du 44B (1973) 390
Fluri, L., see W. Beusch 46B (1973) 477
Flynn, E.E., see R.A. Broglia 36B (1971) 541
Flynn, E.R., O. Hansen, An empirical normalization of the (t,p) reaction 31B (1970) 135
Flynn, E.R., see R.F. Casten 32B (1970) 45; 40B (1972) 333; 43B (1973) 473
Flynn, E.R., G.K. Igo, R.A. Broglia, Three-phonon monopole and quadrupole pairing vibrational states in ^{206}Pb 41B (1972) 397
Flynn, E.R., J.D. Garrett, The levels of ^{64}Co populated by the $^{64}Ni(t,\tau)$ reaction 42B (1972) 49
Foà, L., see C. Bemporad 25B (1967) 380; 29B (1969) 383
Foà, L., see M. Borghini 31B (1970) 405; 36B (1971) 493,497,501
Foà, L., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Foà, L., see G. Bellettini 45B (1973) 69
Foà, L., see G. Finocchiaro 50B (1974) 396
Focacci, M.N., see G. Chikovani 22B (1966) 233; 23B (1966) 157; 25B (1967) 44
Focacci, M.N., see B. Levrat 22B (1966) 714
Focacci, M.N., see H. Benz 28B (1968) 233
Focacci, M.N., see G.E. Chikovani 28B (1968) 526
Focacci, M.N., see R. Baud 30B (1969) 129; 31B (1970) 397,401,549
Focardi, S., A. Minguzzi-Ranzi, L. Monari, G. Saltini, P. Serra, T.A. Filippas, V.P. Henri, Phase shift analysis of K^+p elastic scattering at 780 MeV/c 24B (1967) 314
Focardi, S., see R. Barloutaud 26B (1968) 674
Focke, B., see N. Bräuer 34B (1971) 54; 37B (1971) 186
Focke, B., see D. Riegel 44B (1973) 456; 46B (1973) 170
Fodor, I., Continuum contribution to the particle unstable states 31B (1970) 336
Fodor, I., I. Szentpétery, J. Szücs, A $g_{9/2}$ analogue resonance in the $^{58}Ni(p,\gamma)^{59}Cu$ reaction 32B (1970) 689
Foeth, H., see H. Faissner 30B (1969) 204
Foeth, H., see P. Darriulat 30B (1969) 209
Foeth, H., M. Holder, E. Radermacher, A. Staude, P. Darriulat, J. Deutsch, K. Kleinknecht, C. Rubbia, K. Tittel, M.I. Ferrero, A. Germak, C. Grosso, Search for coherent regeneration from electrons. The K_0 charge radius 30B (1969) 276

Foeth, H., M. Holder, E. Radermacher, A. Staude, P. Darriulat, J. Deutsch, K. Kleinknecht, C. Rubbia, K. Tittel, M.I. Ferrero, C. Grosso, Search for $K_L \to \mu^+\mu^-$ and $K_L \to e^+e^-$ decays 30B (1969) 282
Foeth, H., M. Holder, E. Radermacher, A. Staude, P. Darriulat, J. Deutsch, K. Kleinknecht, C. Rubbia, K. Tittel, M.I. Ferrero, C. Grosso, Angular dependence of $K_L - K_S$ regenerative scattering for copper and lead nuclei at high energies 31B (1970) 544
Foeth, H., see M. Cullen 32B (1970) 523
Foeth, H., see A. Böhm 49B (1974) 491
Fogelberg, B., A. Bäcklin, T. Nagarajan, Energy levels in ^{114,116,118,120,122}Cd as observed in the beta decay of Ag isotopes 36B (1971) 334
Fogelberg, B., Evidence for a $J^\pi = 0^+$ first excited state of ^{98}Zr through a measurement of internal conversion electrons from fission products 37B (1971) 372
Fogli-Muciaccia, M.T., see N.B. Durusoy 45B (1973) 517
Föhlisch, W., see F. Eisele 37B (1971) 204
Foissel, P., see A. Adam 25B (1967) 122
Foissel, P., see Y. Cassagnou 27B (1968) 631
Foldy, L.L., R.H. Klein, Muon capture in ^{16}O and ^{40}Ca 24B (1967) 540
Folk, R.T., Coulomb energy of ^{3}H and ^{3}He 28B (1968) 159
Folle, R., see B. Klemme 45B (1973) 38
Folomeshkin, V.N., see A.E. Asratyan 49B (1974) 488
Fontaine, J.M., see A. De Lesquen 40B (1972) 277
Fontaine, J.M., see J. Deregel 43B (1973) 338
Fontaine, J.M., see R. Bertini 45B (1973) 119
Ford Jr., J.L.C., see J.S. Larsen 42B (1972) 205
Ford Jr., J.L.C., see J. Gomez Del Campo 46B (1973) 180
Ford, W.T., P.A. Piroué, R.S. Remmel, A.J.S. Smith, P.A. Souder, Experimental study on the $\tau^\pm$ decay matrix element 38B (1972) 335
Forino, A., see R. Vanderhagen 24B (1967) 493
Forino, A., see N. Armenise 25B (1967) 53, 26B (1967) 336
Forkman, B., see G.G. Jonsson 26B (1967) 508
Forman, B.E., see J.C. Berlinghieri 27B (1968) 665
Formànek, J., see T.E.O. Ericson 26B (1967) 91
Forster, H.H., see C.C. Kim 22B (1966) 314
Forster, H.H., see C.C. Chang 28B (1968) 175
Forster, H.H., see M.B. Epstein 36B (1971) 305
Forster, H.H., see M. Furić 39B (1972) 629
Forster, J.S., K. Bearpark, J.L. Hutton, J.F. Sharpey-Schafer, Particle hole states in ^{42}Ca excited by the ^{41}K(^{3}He,d)^{42}Ca reaction 27B (1968) 285
Forster, J.S., see F. Ingebretsen 31B (1970) 297
Forster, J.S., G.C. Ball, F. Ingebretsen, C.F. Monahan, Evidence for rotational structure in ^{43}Sc 32B (1970) 451
Forster, J.S., see G.C. Ball 37B (1971) 366; 49B (1974) 33
Fortes, M., A.D. Jackson, The nucleon-nucleon interaction and optimal relativity 38B (1972) 277
Forti, P., see S. Cierjacks 29B (1969) 417
Fortney, L.R., see M.E. Binkley 45B (1973) 295
Fortune, H.T., A. Richter, B. Zeidman, Test of the Barshay-Temmer theorem for the reaction $^{10}B + \alpha \to {}^7Li + {}^7Be$ 30B (1969) 175
Fortune, H.T., see J.R. Comfort 32B (1970) 685; 40B (1972) 456

Fortune, H.T., R.R. Betts, P. Neogy, D.J. Pullen, Location of the 'missing' 0^+, $T = 1$ state in ^{26}Al 36B (1971) 215
Fortune, H.T., see R. Middleton 39B (1972) 339
Fortune, H.T., see W.J. Courtney 41B (1972) 4
Fortune, H.T., see D.J. Crozier 41B (1972) 291; 46B (1973) 189
Fortune, H.T., R.R. Betts, J.D. Garrett, R. Middleton, Is the 11.95 MeV 8^+ state of ^{20}Ne in the ground-state band? 44B (1973) 65
Foss, J., D. Garelick, S. Homma, W. Lobar, L.S. Osborne, J. Uglum, A search for leptonic quarks 25B (1967) 166
Fossan, D.B., A.R. Poletti, Analogous $\frac{3}{2}$-levels in ^{43}Ca and ^{41}Ar 24B (1967) 38
Fossan, D.B., see S. Cochavi 33B (1970) 297
Fossan, D.B., see C.V.K. Baba 43B (1973) 484; 48B (1974) 218
Fotino, M., see G.F. Dell 29B (1969) 324,534
Fouan, J., see R. Ballini 21B (1966) 708; 26B (1967) 215
Fouan, J.P., see A. Tellez 29B (1969) 655
Foucher, R., see I. Amarel 24B (1967) 402
Foucher, R., see P.G. Hansen 28B (1968) 415,596,663
Fowler, W.A., see J.N. Bahcall 26B (1967) 359
Fox, G., see E.L. Berger 36B (1971) 389
Fox, G.C., see A.S. Goldhaber 30B (1969) 249; 31B (1970) 620
Fox, G.C., see E.L. Berger 43B (1973) 132; 47B (1973) 162
Fox, J.D., see G. Vourvopoulus 25B (1967) 543
Fox, R., see A. Suhami 24B (1967) 173
Fox, R.A., see M.J. Holmes 37B (1971) 170
Fraas, H., D. Schildknecht, Comparison of pion electroproduction data with vector meson dominance predictions 35B (1971) 72
Fraas, H., D. Schildknecht, Refined vector meson dominance analysis of single pion electroproduction 37B (1971) 389
Frabetti, P.L., see M. Basile 38B (1972) 117
Frabetti, P.L., see P. Dalpiaz 42B (1972) 377
Fradkin, E.S., I.V. Tyutin, Feynman rules for the massless Yang-Mills field renormalizability of the theory of the massive Yang-Mills field 30B (1969) 562
Frahn, W.E., see J.M. Potgieter 21B (1966) 211
Frahn, W.E., Relation between proton-nucleus and proton-nucleon interaction at 20 GeV 24B (1967) 216
Frahn, W.E., G. Wiechers, Analysis of quasi-elastic (^{3}He,t) reactions 26B (1967) 5
Frampton, P.H., B. Hamprecht, Dispersion sum rules for the baryon spectrum in an O(3,1) dynamical group model 28B (1968) 664
Frampton, P.H., Factorisation of satellite terms in the N-particle dual amplitude 32B (1970) 195
Frampton, P.H., see J. Ellis 35B (1971) 227
Frampton, P.H., K. Schilling, C. Schmid, Why is ρ' photoproduction suppressed? 36B (1971) 361
Frampton, P.H., Relative importance of dual loops 36B (1971) 591
Frampton, P.H., P.V. Ruuskanen, Phenomenological duality for Pomeron-proton scattering 38B (1972) 78
Frampton, P.H., O(n) relations four coupling constants and space-time dimensions in dual models 41B (1972) 364
Frampton, P.H., see R.F. Cahlan 50B (1974) 475
Francillon, G., Y. Terrien, G. Vallois, Weak coupling in the ^{209}Bi $5^- \otimes h_{9/2}$ decuplet 33B (1970) 216
Franek, B.J., see H.W. Atherton 43B (1973) 249

Franghian, A.A., F.R. Harutjunian, G.A. Hekimian, A.A. Nasarian, G.B. Torgomian, A superhigh energy particle detector based on using the radiation of a particle in a laminar medium 34B (1971) 227
Frank, A.I., see B.G. Erozolimsky 33B (1970) 351
Frank, K., see W. Albrecht 28B (1968) 225
Frank, S.G., see D.M. Binnie 36B (1971) 257
Frank, S.G.F., see B.J. Charles 40B (1972) 289
Franke, G., see G. Buschhorn 33B (1970) 241; 37B (1971) 207,211
Frankel, R.B., see J. Chappert 28B (1968) 406
Franklin, A., see J. Lynch 35B (1971) 457
Franz, H., see H.J. Mück 39B (1972) 303
Franz, H., see V. Blobel 48B (1974) 73
Franz, H.W., see D. Fick 27B (1968) 541
Franzinetti, B., see H.W. Atherton 30B (1969) 494
Franzinetti, C., see I. Budagov 29B (1969) 524
Franzinetti, C., see T. Eichten 40B (1972) 593; 46B (1973) 274,281
Frascaria, N., see H. Doubre 29B (1969) 355
Fraser, R., J. Grumann, W. Greiner, On multiple fission of superheavy nuclei 35B (1971) 483
Fraser, R.F., see R.F. Barrett 40B (1972) 326
Frauendorf, S., D. Janssen, L. Münchow, Intraband BE2-ratios by angular projected $K = 0$ states 34B (1971) 469
Frauendorf, S., see W. Andrejtscheff 44B (1973) 351
Frauenfelder, H., see M. Atac 21B (1966) 699
Frautschi, S.C., see J.N. Bahcall 29B (1969) 623
Frazer, W.R., D.R. Snider, Diffraction dissociation into high masses at N.A.L.-I.S.R. energies 45B (1973) 136
Fredrickson, D., see J. Sperinde 32B (1970) 185
Freed, N., P. Goldhammer, Core deformation in ^{6}Li arising from the tensor force 23B (1966) 564
Freed, N., W. Rhodes, Particle-hole and particle-particle interactions in the mass-90 region 31B (1970) 45
Freed, N., W. Miles, Tamm-Dancoff calculations on the odd-mass $N = 82$ isotones with a realistic interaction 32B (1970) 313
Freed, N., see W. Baldridge 36B (1971) 179; 46B (1973) 341
Freedman, M.S., see C.P. Bhalla 23B (1966) 116
Freeland, J.H., see H.C. Kirkman 32B (1970) 519
Freeland, J.H., see T.A. Armstrong 34B (1971) 535
Freeman, J.M., J.G. Jenkin, G. Murray, The threshold for the reaction ^{10}B(p,n)^{10}C and the *ft* value of the superallowed Fermi transition ^{10}C(β^+)^{10}B 22B (1966) 177
Freeman, J.M., J.G. Jenkin, D.C. Robinson, G. Murray, W.E. Burcham, The beta end-point energy for the superallowed Fermi decay ^{14}O(β^+)^{14}N* 27B (1968) 156
Freeman, J.M., D.C. Robinson, G.L. Wick, The ^{35}Cl(p,n)^{35}Ar threshold and the vector interaction in the decay ^{35}Ar(β^+)^{35}Cl 29B (1969) 296
Freeman, J.M., D.C. Robinson, G.L. Wick, Magnitude of the vector coupling constant deduced from recent beta decay measurements 30B (1969) 240
Freeman, J.M., see G.J. Clark 35B (1971) 503
Freeman, J.M., see J.S. Ryder 43B (1973) 30
Freeman, J.R., C. Quigg, Mueller-Regge phenomenology in the central region 47B (1973) 39
Freeman, R.M., see P.J. Mathew 28B (1968) 106
Frehaut, J., see D. Shackleton 42B (1972) 344

Frehse, H., see M. Baggett 42B (1972) 379
French, B., see H.W. Atherton 30B (1969) 494
French, B.R., see J.A. Danysz 24B (1967) 309
French, B.R., see H.W. Atherton 42B (1972) 522; 43B (1973) 249
French, J.B., see H. Banerjee 23B (1966) 245
French, J.B., Combinatorial methods for spectroscopic averaging and spectral moments 23B (1966) 248
French, J.B., see F.S. Chang 23B (1966) 251; 44B (1973) 131,135
French, J.B., L.S. Hsu, Strength distributions 25B (1967) 75
French, J.B., Measures for group-symmetry breaking in nuclei 26B (1967) 75
French, J.B., S.S.M. Wong, Validity of random matrix theories for many-particle systems 33B (1970) 449
French, J.B., J.C. Parikh, Spin-isospin SU(4) symmetry in the (ds) shell 35B (1971) 1
French, J.B., S.S.M. Wong, Some random-matrix level and spacing distributions for fixed-particle-rank interactions 35B (1971) 5
Frese, H., see W. Braunschweig 33B (1970) 236
Frese, H., see H. Bienlein 46B (1973) 131
Fretter, W.B., see B. Daugeras 27B (1968) 332
Fretter, W.B., see R. Huson 28B (1968) 208
Fretter, W.B., see I. Budagov 29B (1969) 524; 30B (1969) 364
Fretter, W.B., see H.H. Bingham 41B (1972) 635
Freudenreich, K., see W. Beusch 46B (1973) 477
Freund, P., see H.G. Hilpert 23B (1966) 707
Freund, P., see R. Erbe 27B (1968) 54
Freund, P., see H.J. Mück 39B (1972) 303
Freund, P.G.O., see V.A. Alessandrini 27B (1968) 456
Freund, P.G.O., E. Schonberg, Parity constraints in the Veneziano model 28B (1968) 600
Freund, P.G.O., R.J. Rivers, Duality, unitary and the Pomeranchuk singularity 29B (1969) 510
Freund, P.G.O., Exotic mesons and the hadronic energy momentum tensor 35B (1971) 317
Freund, P.G.O., H.F. Jones, R.J. Rivers, Dynamics versus selection rules in diffraction dissociation 36B (1971) 89
Freund, P.G.O., see C.E. Carlson 39B (1972) 349
Freytag, D., see K.H. Althoff 37B (1971) 531,535; 43B (1973) 237
Freytag, E., see G. Bathow 25B (1967) 163
Friar, J., see W. Bertozzi 41B (1972) 408
Friar, J.L., M. Rosen, Dispersion corrections to elastic electron scattering by ^{16}O and ^{12}C 39B (1972) 615
Friar, J.L., Relativistic corrections to electron scattering by the deuteron and triton 43B (1973) 108
Friar, J.L., J.W. Negele, Breit equation analysis of recoil corrections to muonic atom energy levels 46B (1973) 5
Fricke, B., W. Greiner, On the chemistry of superheavy elements around $Z = 164$ 30B (1969) 317
Fricke, M.P., W.M. Lopez, Radiative strength function for fast neutron capture 29B (1969) 393
Fridman, A., G. Maurer, A. Michalon, B. Schiby, R. Strub, G. Zech, P. Cüer, Interference effects between $N^*(1236)$ and $K^*(891)$ production in the $K^- + p \to K^- + n + \pi^+$ channel at 1.45 GeV/c 21B (1966) 462
Fridman, A., G. Maurer, A. Michalon, B. Schiby, R. Strub, G. Zech, P. Cüer, On the possible N^* production of mass about 1.47 GeV/c^2 in the $K^- p \to K^- p\pi^0$ channel at 1.45 GeV/c 23B (1966) 386
Friedländer, E.M., see B. Bogdan 41B (1972) 221
Friedländer, E.M., see Barcelona ... collaboration 48B (1974) 467
Friedländer, E.M., D. Fu, see D. Swanson 48B (1974) 479

Friedman, A.M., J. Milsted, Alpha decay of ^{245}Cm 21B (1966) 179
Friedman, E., Polarization in "quasi-elastic" (p,n) reactions and a complex ($t \cdot T$) term in the optical potential 24B (1967) 607
Friedman, E., see L. Birstein 26B (1967) 220
Friedman, E., Density dependent effects in the optical model and the nuclear matter radii 29B (1969) 213
Friedman, E., see C.J. Batty 34B (1971) 7
Friedman, E., Coulomb energies and the anomaly in nuclear matter radii 35B (1971) 543
Friedman, E., see B.W. Allardyce 41B (1972) 577
Friedman, J.H., see M. Alston-Garnjost 33B (1970) 607; 34B (1971) 156; 36B (1971) 152; 39B (1972) 402
Friedman, J.H., see S.M. Flatté 34B (1971) 551
Friedman, J.H., see S.M. Flatté 38B (1972) 232
Friedman, J.H., see S.U. Chung 47B (1973) 526
Friedman, J.I., see J. Litt 31B (1970) 40
Friedman, M., see R. Moreh 26B (1967) 579; 27B (1968) 377; 31B (1970) 642
Friedman, M.H., see R. Arnowitt 27B (1968) 657
Friedman, M.H., P. Nath, R. Arnowitt, Currents, colliding beams and the light cone 42B (1972) 361
Friedman, W.A., see H.O. Meyer 45B (1973) 441
Friedrich, H., see D.M. Brink 33B (1970) 143
Friedrich, H., A. Weiguny, Alpha clustering and angular momentum projection before and after variation 35B (1971) 105
Friedrich, H., L. Satpathy, A. Weiguny, Why is there no rotational band based on the 7.65 MeV 0^+ state in ^{12}C 36B (1971) 189
Friedrich, H., H. Hüsken, A. Weiguny, Alpha clustering in light nuclei with density dependent forces 38B (1972) 199
Friedrich, H., see Y. Abgrall 43B (1973) 165
Friedrich, L., see H. Brückmann 29B (1969) 223
Fries, D., see M. Davier 28B (1968) 619
Frink, J., see K.M. Thompson 24B (1967) 503
Frisch, H.J., see A.R. Clark 41B (1972) 229
Frishman, Y., see R. Dashen 46B (1973) 439
Frisk, Å., see H. Högaasen 22B (1966) 90
Frisken, W.R., see J. Orear 28B (1968) 61
Fritsch, W., R. Lipperheide, U. Wille, The hole spectrum of ^{12}C 45B (1973) 103
Fritzsch, H., M. Gell-Mann, H. Leutwyler, Advantages of the color octet gluon picture 47B (1973) 365
Fritzsch, H., P. Minhowski, Colored gluons, Bjorken scaling and quark confinement 49B (1974) 462
Fröbrich, P., Enhancement of deuteron transfer reactions by neutron-proton pairing correlations 37B (1971) 338
Fröbrich, P., W. Domcke, The spreading width of rotational doorway states 45B (1973) 451
Frodesen, A.G., see R.A. Donald 26B (1967) 327
Froggatt, C.D., D. Morgan, Non evasive contributions to forward rho-production and vector dominance 33B (1970) 582
Froggatt, C.D., D. Morgan, Model amplitude analysis of $\pi^- p \to \pi^+ \pi^- n$ 40B (1972) 655
Froggatt, C.D., see J.L. Basdevant 41B (1972) 173,178
Fröhlich, A., see J. Bartsch 22B (1966) 357; 27B (1968) 336; 33B (1970) 186
Fröhlich, A., see M. Aderholz 24B (1967) 434
Froindlich, D., see U. Atzmony 26B (1967) 81,613
Froindlich, D., see E.R. Bauminger 30B (1969) 531; 32B (1970) 678
Frois, B., see C.R. Lamontagne 45B (1973) 465

Frolov, G.V., V.G. Gorshkov, V.N. Gribov, Backward compton scattering at high energies 22B (1966) 662
Frolov, G.V., V.G. Gorshkov, V.N. Gribov, L.N. Lipatov, Double logarithmic asymptotics of quantum electrodynamics 22B (1966) 671
Frolov, G.V., V.N. Gribov, L.N. Lipatov, On the vacuum pole in quantum electrodynamics 31B (1970) 34
Frolov, G.V., Manifestation of radiative corrections in coherent γ-ray scattering in matter 38B (1972) 35
Frondaroli, A., see E. Amaldi 41B (1972) 216
Frosch, R., Shell model analysis of elastic $e^- - {}^4He$ scattering 37B (1971) 140
Frosch, R.F., R.E. Rand, K.J. Van Oostrum, M.R. Yearian, Structure of the alpha particle from elastic electron scattering 21B (1966) 598
Frosch, R.F., H.L. Crannell, J.S. McCarthy, R.E. Rand, R.S. Safrata, L.R. Suelzle, M.R. Yearian, Search for excited states of ^3He 24B (1967) 54
Froyland, J., see G.V. Dass 36B (1971) 339; 38B (1972) 188
Frullani, S., see U. Amaldi Jr. 22B (1966) 593
Frullani, S., see U. Amaldi 25B (1967) 24
Fruneau, M., see D. Garreta 31B (1970) 363
Fry, J.R., C. Brankin, H. Muirhead, R. Matthews, A. Angelopoulos, A. Apostolakis, A. Stergiou, P. Theocharopoulos, G. Vasiliades, T.A. Filippas, E. Simopoulou, P. Tsilimigras, A. Vayaki, E. Zevgalatakos, J. Hoedl, D. Kuhn, M. Markytan, G. Otter, H. Rohringer, High transverse momentum and baryon exchange 41B (1972) 539
Fry, J.R., P. Grossman, P. Mason, M. Muirhead, C. Brankin, R. Matthews, A. Angelopoulos, A. Apostolakis, P. Michaelidis, A. Stergiou, P. Theocharopoulos, T.A. Filippas, E. Simopoulou, P. Tsilimigras, A. Vayaki, E. Zevgalatakos, J. Hoedl, D. Kuhn, M. Markytan, P. Schmid, J. Strauss, Leading particles and charged particle multiplicity in annihilation and non-annihilation interactions 43B (1973) 146
Fry, W.F., see F.J. Hasert 46B (1973) 138
Fryberger, D., see R.D. Ehrlich 23B (1966) 468
Frye, G., Total cross section in the dual symmetric theory of hadrons 31B (1970) 26
Frye, G., L. Susskind, Removal of the divergence of a planar dual-symmetric loop 31B (1970) 537
Frye, G., L. Susskind, Non-planar dual symmetric loop graphs and the Pomeron 31B (1970) 589
Frye, G., see J. Kogut 40B (1972) 469
Fubini, S., see V. De Alfaro 21B (1966) 576
Fubini, S., D. Gordon, G. Veneziano, A general treatment of factorization in dual resonance models 29B (1969) 679
Fubini, S., see A. Di Giacomo 33B (1970) 171
Fubini, S., see D. Amati 49B (1974) 293
Fuchs, H., K. Grabisch, P. Kraaz, G. Röschert, Shell model configurations of states in ^{14}N studied by the $^{13}C(d,n)^{14}N$ reaction 23B (1966) 363
Fuchs, H., R. Danto, Indications for isospin dependence of angular distributions in nucleon transfer reactions 24B (1967) 234
Fuchs, H., K. Grabisch, P. Kraaz, G. Röschert, Contribution to subcoulomb stripping: The reaction $^{116}Sn(d,n)^{117}Sb$ at 6 MeV 25B (1967) 204
Fuchs, H., M. Hagen, U. Janetzki, K.-H. Maier, Observation of target ground state correlations in the (d,n) reactions on even argon isotopes 31B (1970) 14
Fuchs, H., H. Homeyer, Th. Lorenz, H. Oeschler, Stripping into unbound states: interference between resonant and continuum states 37B (1971) 285
Fuchs, H., see W. Bohne 47B (1973) 342

Fuchs, H., K. Grabisch, D. Hilscher, U. Jahnke, H. Kluge, T.G. Masterson, H. Morgenstern, Evidence for quadrupole pairing in ^{56}Ni 49B (1974) 447
Fuchs, N.H., see L.L. Loos 31B (1970) 470
Fuda, M.G., Neutron-deuteron scattering in high partial waves 47B (1973) 288
Fujii, H., see I. Endo 47B (1973) 469
Fujii, S., ^{16}O dipole resonance states 24B (1967) 7
Fujii, S., K. Morita, Radial dependence of the P_1 interaction in the schematic model 32B (1970) 453
Fujii, Y., $I = J = 0$ dipion state with a CDD pole 24B (1967) 190
Fujii, Y., On the nature of sharp changes of $\langle Y_1^0 \rangle$ in $\pi\pi$ and Kπ scatterings 39B (1972) 539
Fujikawa, K., see H. Morinaga 25B (1967) 22
Fujimoto, see M. Maruyama 29B (1969) 414
Fujimoto, F., see K. Komaki 38B (1972) 218
Fujioka, M., K. Hisatake, The contact charge density of conduction electrons of Fe and Co metal as derived from internal conversion 40B (1972) 99
Fujisawa, T., see H. Kamitsubo 28B (1968) 408
Fujita, J.I., Further remarks on the extended Siegert theorem 24B (1967) 123
Fujita, J.I., see H. Ohtsubo 32B (1970) 82
Fujita, J.I., M. Hirata, K. Shoda, Coupling between spin-flip and non-spin-flip particle-hole pair states 33B (1970) 550
Fujita, J.I., M. Hirata, Effect of exchange currents on orbital g-factors 37B (1971) 237
Fujita, T., see Y. Horikawa 42B (1972) 173
Fujita, T., A. Arima, On a new relation between magnetic hyperfine structure constants for the $1s\frac{1}{2}$ and $2p\frac{1}{2}$ muonic orbits 49B (1974) 143
Fukuda, R., R. Sasaki, Dispersion calculations for weak interactions model 45B (1973) 250
Fukugita, M., T. Inami, Y. Kimura, Dual structure of $\bar{K}$N scattering in the intermediate energy region 36B (1971) 575
Fukugita, M., see T. Eguchi 43B (1973) 56
Fukui, S., see S. Arai 40B (1972) 426
Fulbright, H.W., see R.A. Lindgren 48B (1974) 209
Fulcher, L.P., R. Guy, J.M. Eisenberg, H. Pietschmann, The validity of soft pion theorems for radiative pion absorption in nuclei 29B (1969) 338,583
Fulcher, L.P., N.C. Mukhopadhyay, Coulomb corrections to the induced pseudoscalar term in nuclear muon capture 47B (1973) 115
Fuller, R.C., K.W. McVoy, The influence of elastic transfer on the imaginary part of heavy-ion optical potentials 41B (1972) 257
Fuller, R.C., α-Particle model of the rotation spectrum of ^{12}C 43B (1973) 445
Fullwood, R.R., see R.C. Martin 24B (1967) 33
Fulmer, C.B., J.B. Ball, A. Scott, M.L. Whiten, Proton elastic scattering at 61.4 MeV 24B (1967) 505
Fulmer, C.B., see I.R. Williams 26B (1967) 140
Fulmer, C.B., see J.B. Ball 30B (1969) 533
Fulmer, C.B., see J.C. Hafele 31B (1970) 17,572
Fulmer, C.B., F.G. Kingston, A. Scott, J.C. Hafele, Elastic scattering of 50.8 MeV protons from the even samarium isotopes 32B (1970) 454
Fulmer, C.B., see G.R. Satchler 50B (1974) 309
Fung, S.Y., see Y.T. Oh 42B (1972) 497
Funke, L., see G. Winter 33B (1970) 161
Funke, L., see P. Kemnitz 39B (1972) 179

Furić, M., R.K. Cole, H.H. Forster, C.C. Kim, D.Y. Park, J. Rucker, H. Spitzer, C.N. Waddell, A study of reaction mechanisms for the ^{7}Li(p,2d)^{4}He reaction at 45 MeV 39B (1972) 629
Furić, M., see N.D. Gabitzsch 47B (1973) 234
Furić, M., C.R. Fletcher, N.D. Gabitzsch, G.S. Mutchler, T.R. Witten, G.C. Phillips, J. Hudomalj, D.Y. Lee, P.A.M. Gram, B.W. Mayes, J. Allred, C. Goodman, Neutron-proton final state interaction in p-d breakup at E_p = 585 MeV 47B (1973) 241
Furlan, G., see V. De Alfaro 21B (1966) 576
Furlan, G., R. Jengo, E. Remiddi, Erratum 21B (1966) 720
Furlan, G., C. Rossetti, A current algebra determination of the σ-meson parameters 23B (1966) 499
Furlan, G., see G. Calucci 37B (1971) 416
Furman, W.I., K. Niedzwiediuk, Yu.P. Popov, R.F. Rumi, V.I. Salatsky, V.G. Tishin, P. Winiwarter, An estimate of the hindrage factors for γ-ray transitions near the neutron binding energy from the reaction ^{143}Nd(n,$\gamma\alpha$)^{140}Ce 44B (1973) 465
Furmańska, B., see E.V. Anzon 31B (1970) 237,241
Furmańska, B., see M.G. Antonova 39B (1972) 282,285
Furmańska, B., see J. Babecki 40B (1972) 507; 47B (1973) 268
Furukawa, M., see T. Mikumo 23B (1966) 586
Fu Tak Dao, see T.A. Belote 23B (1966) 480
Fuzesy, R.Z., see P.R. Robrish 31B (1970) 617

Gaarde, C., P. Wilhjelm, P. Bruun Jørgensen, Spectroscopic factors of isobaric analogue states from proton excitation of some medium weight even nuclei 22B (1966) 466
Gabathuler, K., see J. Rohlin 40B (1972) 539
Gabbard, F., see P. Richard 29B (1969) 649
Gabitzsch, N.D., G.S. Mutchler, C.R. Fletcher, E.V. Hungerford, L. Coulson, D. Mann, T. Witten, M. Fucić, G.C. Phillips, B. Mayes, L.Y. Lee, J. Hudomalj, J.C. Allred, C. Goodman, Pion-nuclear total cross sections near the 3/2, 3/2 resonance 47B (1973) 234
Gabitzsch, N.D., see M. Furic 47B (1973) 241
Gabrakov, S., see M. Zielińska-Pfabá 44B (1973) 405
Gabrakov, S.I., A.A. Kuliev, N.I. Pyatov, 0^+ and 1^+ unlike particle-hole states in deformed odd-odd nuclei and β-strength functions 36B (1971) 275
Gabriele, S.A., P. Giusti, T. Massam, A. Zichichi, How to quench light attenuation in plastic scintillators 42B (1972) 504
Gachok, V.P., A new approach to renormalization in quantum field theory 31B (1970) 651
Gadioli-Erba, E., see U. Facchini 28B (1968) 534
Gadioli-Erba, E., see J. Nemeth 34B (1971) 117
Gadjicar, T.J., J.W. Moffat, High-energy behaviour of π-N scattering and the Regge pole model 25B (1967) 608
Gaedke, R.M., see J.S. Larsen 42B (1972) 205
Gagneux, St., see P. Huber 27B (1968) 86
Gai, E.V., N.S. Rabotnov, The asymmetric rotor problem and the collective excitations of even nuclei 34B (1971) 563
Gaidot, A., see A. De Lesquen 40B (1972) 277
Gaidot, A., see G. Cozzika 40B (1972) 281
Gaidot, A., see J. Deregel 43B (1973) 338
Gaidot, A., see C. Bruneton 44B (1973) 471
Gaigalas, A., see C. Baltay 42B (1972) 129
Gaigalas, A.K., see R.A. Carrigan Jr. 27B (1968) 622
Gaillard, J.M., see J.C. Chollet 31B (1970) 658
Gaillard, J.M., see K.R. Schubert 31B (1970) 662
Gaillard, J.-M., see B. Wolff 36B (1971) 517
Gaillard, J.-M., see J.-P. Repellin 36B (1971) 603
Gaillard, J.M., see J. Badier 39B (1972) 414; 41B (1972) 387
Gaillard, M., see Détraz 22B (1966) 638
Gaillard, M., see J.R. Pizzi 28B (1968) 32
Gaillard, M.K., see B.D'Espagnat 25B (1967) 346
Gaillard, M.K., see L.M. Chounet 32B (1970) 505
Gaillard, M.K., Contribution of the $\pi\pi\gamma$ state to the decay $K_L \to \mu^+\mu^-$ 35B (1971) 431
Gaillard, M.K., *CP* violation and the $K \to \mu^+\mu^-$ puzzle 36B (1971) 114
Gaillard, M.K., P. Roy, Role of the short distance effect in non-leptonic radiative decays 38B (1972) 245
Gaillard, P., see C. Détraz 22B (1966) 638
Gaillard, P., see J.R. Pizzi 28B (1968) 32
Gaisser, T.K., R.H. Maurer, Extensive air showers and Feynman scaling above 100 GeV 42B (1972) 444
Gajewski, W., J. Sacton, P. Vilain, G. Wilquet, D. Stanley, D.H. Davis, E.R. Fletcher, J.E. Allen, V.A. Bull, A.P. Conway, P.V. March, A study of final state interactions in the mesonic decay of mass 4 hypernuclei 21B (1966) 673
Gajewski, W., C. Mayeur, J. Sacton, P. Vilain, G. Wilquet, D. Stanley, D.H. Davis, E.R. Fletcher, J.E. Allen, V.A. Bull, A.P. Conway, P.V. March, Evidence for the existance of the ${}^{6}_{\Lambda}$He hypernucleus 23B (1966) 152

Gajewski, J., see Alma ... collaboration 48B (1974) 277
Gajewski, W., see A.A. Derevchekov 48B (1974) 367
Gal, A., see N. Auerbach 48B (1974) 22
Gal, J., E.R. Bauminger, S. Ofer, Isomer shifts of the $2^+ - 0^+$ rotational transition of ^{154}Gd 27B (1968) 552
Gal, J., Z. Hadari, E.R. Bauminger, S. Ofer, The Mössbauer effect in ^{239}Pu 41B (1972) 53
Galaktionov, Yu., see J. Engler 31B (1970) 669; 32B (1970) 716; 34B (1971) 528
Galaktionov, Yu., see A. Babaev 38B (1972) 342
Galaktionov, Yu. V., see V.D. Antopolsky 28B (1968) 220, 223
Galanina, N.G., see M. Ya. Balatz 26B (1967) 320
Galbraith, H.W., Model calculation in the binding energy of ^{4}He 37B (1971) 1
Galbraith, W., see K.R. Chapman 21B (1966) 465
Galbraith, W., see H.C. Kirkman 32B (1970) 519
Galbraith, W., see T.A. Armstrong 34B (1971) 535
Gálfi, L., J. Kuti, A. Patkós, Spin-dependent deep inelastic electron-proton scattering 31B (1970) 465
Gálfi, L., R. Kögerler, Regge analysis of massive muon-pair production 36B (1971) 218
Gálfi, L., μ-pair production by inelastic πp and $\bar{p}$p collisions 50B (1974) 357
Galletly, J., see J. Dudoc 34B (1971) 342
Galletly, J., see R.A. Donald 40B (1972) 586
Gallinaro, G., G. Morpurgo, Preliminary results in the search for fractionally charged particles by the magnetic levitation electrometer 23B (1966) 609
Gallivan, J., see P. Le Du 44B (1973) 390
Gallivan, J., see W. Beusch 46B (1973) 477
Galloway, K.F., Possible evidence for the N$\pi\pi$ decay mode of the Δ (1920) and the Δ (2420) nucleon isobars 26B (1967) 334
Galloway, K.F., E.D. Alyea Jr., R.R. Crittenden, W.F. Prickett, H.J. Martin Jr., Observation of the reaction $\pi^-p \to N^{*+}\pi^-$ ($N^{*+} \to \pi^-p\pi^+$) at 6 GeV/c 27B (1968) 250
Galonska, J.E., see B. Slavov 37B (1971) 483
Galonska, J.E., K. Goeke, A. Faessler, Nuclear monopole polarization in muonic ^{208}Pb 45B (1973) 414
Galpern, E.S., see I.M. Narodetsky 46B (1973) 51
Galtsov, D., V. Skobelev, Photons creation by an external field 36B (1971) 238
Gamalya, I.A., see G.D. Adeev 35B (1971) 125
Gamba, D., see D. Haidt 29B (1969) 691, 696
Gamba, D., see H.J. Steiner 36B (1971) 521
Gambhir, L., J. Griffin, Qualitative features of Pauli break-up from the configuration space viewpoint 50B (1974) 407
Gambhir, Y., see Y. Abgrall 43B (1973) 165
Gambhir, Y.K., Level spectra of Ni-isotopes with realistic interaction 26B (1967) 695
Gambhir, Y.K., E. Gmitrová, M. Gmitro, Is the ^{56}Ni nucleus doubly magic? 30B (1969) 382
Gambhir, Y.K., see C.D. Siegal 39B (1972) 151
Gamet, R., see P.S.L. Booth 38B (1972) 339
Gammel, J.L., see D. DeFacio 21B (1966) 666; 25B (1967) 449
Gamp, A., see H.G. Bohlen 41B (1972) 425
Gandia, V., see Barcelona ... collaboration 48B (1974) 467
Gandini, F., see D. Scotter 26B (1967) 474
Gandois, B., see J. Louie 48B (1974) 385
Gandsman, J., see Y. Eisenberg 34B (1971) 439
Gangas, N.H., see J.E. Bowcock 26B (1967) 349
Gangrsky, Y.P., see J. Borggreen 25B (1967) 402

Gangsky, Yu.P., B.N. Markov, Yu. M. Tsipenyuk, Investigation of the properties of the spontaneously fissioning isomer ^{241}Pu in the reaction (γ,n) 32B (1970) 182
Ganguli, S.N., P.K. Malhotra, Prediction of angular distribution of neutral pions from γ-ray data at ISR energies 39B (1972) 632
Ganguli, S.N., P.K. Malhotra, Dependence of multiplicity on energy in high energy p-p collisions 42B (1972) 83
Ganguli, S.N., P.K. Malhotra, Energy dependence of $\langle n(n-1)\rangle$ and $\langle n\rangle/D$ in high energy p-p collisions from 13 to 10^4 GeV/c 42B (1972) 88
Ganguly, N.K., see L. Grunbaum 23B (1966) 129
Ganguly, N.K., see B. Sinha 43B (1973) 113
Ganszauge, E., see W. Albrecht 28B (1968) 225
Garber, D.A., see P. Sioshansi 39B (1972) 343
Garbutt, D.A., see D.M. Binnie 36B (1971) 257, 537; 39B (1972) 275
Garcia, A., see R. Odorico 32B (1970) 375
García, J., see K. Goeke 41B (1972) 557
Garcia Canal, C.A., see V.A. Alessandrini 29B (1969) 83
Garcia-Canal, C.A., see R. Odorico 32B (1970) 375
Garde, V.K., see V.R. Pandharipande 38B (1972) 485; 39B (1972) 608
Gardiner, S.N., J.L. Matthews, R.O. Owens, Proton spectra from the ^{6,7}Li(γ,p)^{5,6}He reactions at E_γ = 60 MeV 46B (1973) 186
Gardiner, S.N., see G. Ticcioni 46B (1973) 369
Gardner, N., see D. Branford 36B (1971) 456
Gareev, F.A., see A. Sobiczewski 22B (1966) 500
Gareev, F.A., see M.I.Chernej 27B (1968) 117
Gareev, F.A., see V.E. Bunakov 39B (1972) 424
Gareev, F.A., F. Palumbo, Center of mass spuriosity effects on the charge form factor in manybody theories 40B (1972) 621
Gareev, F.A., J. Bang, R.M. Jamalejev, Two particle wave functions in a Sturm-Liouville basis 49B (1974) 239
Garelick, D., see J. Foss 25B (1967) 166
Garelick, D., see E.W. Anderson 29B (1969) 136
Garelick, D., see D. Birnbaum 31B (1970) 36, 484
Garelick, D., see H.R. Blieden 39B (1972) 668
Garfinkel, A.F., see R.L. Eisner 28B (1968) 356
Garfinkel, A.F., see D.H. Miller 29B (1969) 255
Garfinkel, A.F., A.C. Ammann, D.D. Carmony, W.L. Yen, A_2 meson production in K^-d reactions 33B (1970) 536
Garfinkel, A.F., see A.C. Ammann 34B (1971) 533
Gari, M., Parity-forbidden alpha decay from the 2^-(8.88 MeV) level in ^{16}O 31B (1970) 627
Gari, M., see U.M. Wambach 33B (1970) 253
Gari, M., O. Dumitrescu, J.G. Zabolitzky, H. Kümmel, A first step towards realistic calculations of parity-mixing effects in heavy nuclei 35B (1971) 19
Gari, M., A.H. Huffman, Interaction current contributions to parity non-conservering nuclear γ-transitions 36B (1971) 442
Gari, M., see M. Fink 38B (1972) 189; 49B (1974) 20
Gari, M., H. Hebach, Dynamical aspects of photonuclear reactions below pion threshold 49B (1974) 29
Garin, A., C. Glashausser, A. Papineau, R. De Swiniarski, J. Thirion, Assymmetry in elastic and inelastic scattering of polarized protons from ^{48}Ti, ^{50}Ti, ^{54}Fe and ^{56}Fe 21B (1966) 73

Garland, R., see D. Scipione 42B (1972) 489
Garrell, M., see L. Criegee 28B (1968) 140
Garrell, M.H., see L. Criegee 28B (1968) 282
Garreta, D., see J. Arvieux 22B (1966) 439
Garreta, D., K. Nisimura, M. Fruneau, Spin correlation parameter A_{xx} and A_{yy} measurements in p-p scattering at 37.2 MeV 31B (1970) 363
Garreta, D., see R. Bertini 45B (1973) 119
Garrett, J.D., see R. Middleton 39B (1972) 339
Garrett, J.D., see R.F. Gasten 40B (1972) 333; 43B (1973) 473; 47B (1973) 326
Garrett, J.D., see E.R. Flynn 42B (1972) 49
Garrett, J.D., see H.T. Fortune 44B (1973) 65
Garrett, J.D., see B.B. Back 46B (1973) 183
Garrett, J.D., see P.D. Bond 47B (1973) 231
Garrett, N., see H.O. Cohn 27B (1968) 527
Garrett, N.E., see W.M. Bugg 31B (1970) 595
Garron, J.P., see H. Doubre 29B (1969) 355
Garron, J.P., see Y. Le Bornec 49B (1974) 434
Garsevanishvili, V.R., V.A. Matveev, L.A. Slepchenko, A.N. Tavkhelidze, Relativistic quasipotential model of particle scattering at high energies 29B (1969) 191
Garvey, G.T., see I. Kelson 23B (1966) 689
Garvey, G.T., see T.D. Thomas 27B (1968) 504
Garvey, G.T., P.S. Miller, Role of the neutron imaginary potential in the (p,n) charge exchange reaction 28B (1968) 243
Garvey, G.T., K.W. Jones, L.E. Carlson, A.G. Robertson, D.F.H. Start, The spin, parity and lifetime of the 4.46 MeV state of ^{32}S 29B (1969) 108
Garvey, G.T., see P.T. Debevec 34B (1931) 497
Garvey, G.T., K.W. Jones, D. Schwalm, E.K. Warburton, Branching in the β^+ decay of the ^{42}Sc ground state 35B (1971) 563
Garvey, G.T., see R.E. Tribble 44B (1973) 366
Garvey, J., see D.R. Botterill 31B (1970) 325
Gasilova, N.S., see M.M. Makarov 31B (1970) 666
Gasiorowicz, S., D.A. Geffen, Adler-Weisberger sum rules for higher spin particles 22B (1966) 344
Gasparini, F., see A. Brabson 42B (1972) 283, 287
Gastaldi, U., see A. Placci 32B (1970) 413
Gastaldi, U., see J. Bailey 33B (1970) 369; 50B (1974) 403
Gastebois, J., see G. Bassani 22B (1966) 189
Gastebois, J., see A. Adam 25B (1967) 122
Gastebois, J., see Y. Cassagnou 27B (1968) 631
Gatti, R.C., see L.G. Moretto 38B (1972) 471
Gatto, R., G. Preparata, L. Maiani, Current algebras and magnetic moments 21B (1966) 459
Gatto, R., see M. Ademollo 22B (1966) 521
Gatto, R., see G. Altarelli 24B (1967) 57
Gatto, R., Sum rule for the Pomeranchuk residuum 25B (1967) 140
Gatto, R., L. Maiani, The $J^P = 1^+$ octodecimet of meson resonances 26B (1967) 95
Gatto, R., P. Menotti, General properties of Regge families in the Wick-Cutkosky model 27B (1968) 381
Gatto, R., G. Sartori, M. Tonin, Weak self-masses, Cabibbo angle, and broken $SU_2 \times SU_2$ 28B (1968) 128
Gatto, R., P. Menotti, Gemel families in the Bethe-Salpeter equation and the problem of pion decoupling 28B (1968) 668

Gatto, R., P. Menotti, Gemel symmetry and superconvergence relations 29B (1969) 593
Gatto, R., see S. Ciccariello 30B (1969) 546
Gatto, R., see S. Ferrara 36B (1971) 124; 38B (1972) 188, 333; 42B (1972) 264; 44B (1973) 381
Gatto, R., see M. Conversi 46B (1973) 269
Gatto, R., G. Preparata, Senile scaling in electron-positron annihilation 50B (1974) 479
Gatty, B., see P. Colombani 42B (1972) 208
Gauld, B.W., see L. Kaufman 25B (1967) 536
Gault, F.C., see P.D.B. Collins 47B (1973) 171
Gautschi, A., see W.E. Cleland 26B (1967) 45
Gauvin, H., see I. Amarel 24B (1967) 402
Gavrilov, K.A., see J. Chwaszczewska 25B (1967) 331
Gayler, J., see W. Albrecht 28B (1968) 225
Gayley, R.I., E.F. Young, Erratum 21B (1966) 720
Gayther, D.B., see E.J. Winhold 32B (1970) 607
Gayther, D.B., see B.H. Patrick 34B (1971) 488
Gebauer, B., see W. Von Oertzen 34B (1971) 51
Gebauer, H.J., see V. Eckhardt 43B (1973) 240
Gee, C.N.P., see M.G. Albrow 40B (1972) 136; 42B (1972) 279; 44B (1973) 207, 518
Geer, K., see V. Barger 36B (1971) 343, 350
Geffen, D.A., see S. Gasiorowicz 22B (1966) 344
Geicke, J., S. Meyer, The Callan-Symanzik coefficient β in a massive Thirring model in $2+\epsilon$ dimensions 44B (1973) 85
Geiger, J.S., see D. Ward 29B (1969) 487; 44B (1973) 39
Geiger, J.S., see H. Schmeing 44B (1973) 452
Geiger, J.S., see K.P. Jackson 49B (1974) 341
Gelbke, C.K., see K.D. Hildenbrand 42B (1972) 425
Gelbke, C.K., R. Bock, P. Braun-Munzinger, D. Fick, K.D. Hildenbrand, W. Weiss, S. Wenneis, G. Baur, Angular momentum transfer in nucleon exchange scattering of heavy ions 43B (1973) 284
Gell, Y., see G. Eilam 47B (1973) 255
Gelletly, S., see J.A. Moragues 27B (1968) 441
Gell-Mann, M., see H. Fritzsch 47B (1973) 365
Gémesy, T., see G. Bozóki 28B (1968) 360
Gemesy, T., see Z.S. Strugalski 29B (1969) 518, 532
Gemesy, T., see R. Arnold 36B (1971) 261
Gémesy, T., see Alma ... collaboration 48B (1974) 277
Genchev, V., see Berlin ... collaboration 48B (1974) 257
Genchev, V., see K.F. Albrecht 48B (1974) 393
Gendrot, M., see J. Saudinos 22B (1966) 492
Gendrot, M., see G. Vallois 22B (1966) 659
Genoux-Lubain, A., see R. De Swiniarski 43B (1973) 27
Gensch, U., see J. Bartsch 28B (1968) 439
Gensch, U., see J.V. Beaupré 37B (1971) 432; 41B (1972) 393
Gensch, U., see K.-J. Biebl 42B (1972) 221
Gensini, P., N. Paver, C. Verzegnassi, An optimal extrapolation of π-π amplitudes around $\nu = t = 0$ 47B (1973) 515
Gentit, F.X., see P. Le Du 44B (1973) 390
Gentit, F.X., see W. Beusch 46B (1973) 477

Genz, H., On Coleman's theorem for scale invariance 31B (1970) 146
Genz, H., J. Katz, H. Steiner, Analysis of meson-baryon scattering data in the (8,8) model of chiral symmetry breaking and a possible connection to electroproduction 39B (1972) 541
Genzel, H., see H. Burfeindt 43B (1973) 345
George, R., see R. Vanderhagen 24B (1967) 493
George, R., see P. Fleury 26B (1968) 686
George, R., see D.M. Binnie 36B (1971) 257, 537
George, R., see N.B. Durusoy 45B (1973) 517
Georgelin, Y., J. Stern, J. Jersák, Lightcone commutators and the high energy annihilation $e^+ + e^- \to \pi^+$ hadrons 34B (1971) 207
Georgi, H., S.L. Glashow, Pseudo-Cabibbo structure in a gauge theory of weak interactions and electromagnetism 44B (1973) 191
Gerace, W.J., D.A. Sparrow, Correlated charge from factors of p-shell nuclei 30B (1969) 71
Gerace, W.J., see A.P. Lightman 30B (1969) 526
Gerace, W.J., G.C. Hamilton, Charge density differences between pairs of isotones 39B (1972) 481
Gerace, W.J., see D.A. Sparrow 48B (1974) 186
Geramb, H.V., K. Amos, Proton scattering to the $3/2^-$ state of ^{207}Pb 32B (1970) 665
Geramb, H.V., A microscopic analysis of $^{13}C(p,n)^{13}N_{gs}$, including the core polarization exchange process 37B (1971) 351
Geramb, H.V., G.L. Strobel, Two step process in the $^{16}O(p, 2p)^{15}N$ reaction 39B (1972) 611
Gerard, A., see J. Duclos 43B (1973) 245
Gerber, H.J., see W.E. Cleland 26B (1967) 45
Gerber, J.P., see A. Bechdolff 26B (1967) 174
Gerdau, E., see P. Steiner 24B (1967) 515
Gerdyukov, L., see O. Balea 39B (1972) 571
Germak, A., see H. Foeth 30B (1969) 276
Germond, J.F., see J. Beiner 46B (1973) 289
Gersamia, D., see O. Balea 39B (1972) 571
Gersamia, D., see Alma ... collaboration 48B (1974) 277
Gerschel, C., N. Perrin, L. Valentin, Messure du moment quadrupolaire d'un isomère de forme 33B (1970) 299
Gerschel, C., see M.A. Deleplanque 46B (1973) 317
Gershtein, S.S., see A.E. Asratyan 49B (1974) 488
Gershwin, L.K., see C. Baltay 42B (1972) 129
Gersing, E., see Chr. Berger 28B (1968) 276
Gersten, A., see L. Binstock 48B (1974) 77
Gervais, J-L., J. Iliopoulos, J.M. Kaplan, Current algebras and annihilations into two mesons 21B (1966) 103
Gervois, A., Matrix elements statistics in the shell model 26B (1967) 413
Geshkenbein, B.V., M.V. Terentyev, On a possibility to measure π and K-meson electromagnetic form factors in hadronic collisions 37B (1971) 497
Geshkov, I.M., see Kh.M. Chernev 36B (1971) 266
Gessaroli, R., see J. Alitti 21B (1966) 354
Gessaroli, R., see R. Vanderhagen 24B (1967) 493
Gessaroli, R., see N. Armenise 25B (1967) 53; 26B (1967) 336
Gettner, M. see H.R. Blieden 39B (1972) 668
Gettner, M., see M.R. Jane 48B (1974) 260, 265
Gevorkian, S.R., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301

Geweniger, Chr., P. Heide, U. Kötz, R.A. Lewis, P. Schmüser, H.J. Skronn, H. Wahl, K. Wegener, Pion production with polarized photons and test of vector dominance model 28B (1968) 155
Geweniger, C., P. Heide, U. Kötz, R.A. Lewis, P. Schmüser, H.J. Skronn, H. Wahl, K. Wegener, π^+ production with linearly polarized photons 29B (1969) 41
Geweniger, C., see G. Buschhorn 33B (1970) 241
Geweniger, C., see H. Burfeindt 33B (1970) 509
Geweniger, C., S. Gjesdal, T. Kamae, G. Presser, P. Steffen, J. Steinberger, F. Vannucci, H. Wahl, F. Eisele, H. Filthuth, K. Kleinknecht, V. Lüth, G. Zech, Measurement of the charge asymmetry in the decays $K_L^0 \to \pi^\pm e^\mp \nu$ and $K_L^0 \to \pi^\pm \mu^\mp \nu$ 48B (1974) 483
Geweniger, C., S. Gjesdal, G. Presser, P. Steffen, J. Steinberger, F. Vannucci H. Wahl, F. Eisele, H. Filthuth, K. Kleinknecht, V. Lüth, G. Zech, A new determination of the $K^0 \to \pi^+ \pi^-$ decay parameters 48B (1974) 487
Gheorghe, A., see S. Berceanu 45B (1973) 371
Ghesquière, C., see L. Dobrzynski 23B (1966) 614
Ghidini, B., see R. Vanderhagen 24B (1967) 493
Ghidini, B., see N. Armenise 25B (1967) 53; 26B (1967) 336
Chidini, B., see P. Fleury 26B (1968) 682
Ghidini, B., see H.W. Atherton 42B (1972) 522; 43B (1973) 249
Ghiorso, A., see T. Sikkeland 24B (1967) 331, 333
Ghiorso, A., see M. Nurmia 26B (1967) 78
Chiorso, A., M. Nurmia, K. Eskola, P. Eskola, ^{261}Rf; new isotope of element 104 32B (1970) 95
Ghosh, M.K., A. Goswami, A new derivation of pairing and generalized pairing theories for nuclei 39B (1972) 433
Ghosh, S.K., S. Mukherjee, A. Chatterjee, Phase space analysis of an interacting Fermi gas 38B (1972) 203
Giacomelli, G., see Yu.B. Bushnin 29B (1969) 48
Giacomelli, G., see J.V. Allaby 30B (1969) 500
Giacomelli, G., see R.J. Abrams 30B (1969) 564
Giacomelli, G., see F. Binon 31B (1970) 230
Giacomelli, G., F. Rimondi, A.M. Rossi, P. Santacroce, P. Serra, R. Barloutaud, J.C. Scheuer, J.C. Kluyver, J. Goldberg, M. Laloum, E. Hirsch, K^-n elastic scattering at 3 GeV/c 31B (1970) 321
Giacomelli, G., P. Lugaresi-Serra, A. Minguzzi-Ranzi, A.M. Rossi, R. Barloutaud, J.C. Scheuer, A.M. Bakker, W. Hoogland, J.C. Kluyver, G. Alexander, Y. Eisenberg, J. Goldberg, A. Rougé, Search for exotic resonances in K^-d interactions at 3 GeV/c 33B (1970) 373
Giacomelli, G., see S.P. Denisov 36B (1971) 415
Giacomelli, G., see A. Bertin 38B (1972) 260; 41B (1972) 201; 42B (1972) 493
Giambiagi, J.J., see C.G. Bollini 30B (1969) 441; 40B (1972) 566
Giannoni, M.J., see K.A. Brueckner 31B (1970) 97
Giazotto, A., see D.R. Botterill 45B (1973) 405; 46B (1973) 125
Giazotto, A., see A. Del Guerra 45B (1973) 409; 50B (1974) 487
Gibbard, B.G., see M.J. Longo 36B (1971) 560
Gibbons, J., see W. Baldridge 36B (1971) 179; 46B (1973) 341
Gibson, B.F., J.S. O'Connell, Angular distribution of the reaction ^{1}H(d, ^{3}He)γ 32B (1970) 331
Gibson, B.F., see L.S. Celenza 41B (1972) 283; 42B (1972) 331

Gibson, W.M., see A.T. Lea 29B (1969) 584
Gibson, W.M., see B.J. Charles 40B (1972) 289
Gibson, W.R., see A.R. Johnston 21B (1966) 309
Gibson, W.R., see F.G. Kingston 22B (1966) 458
Gibson, W.R., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Gidal, G., see W.F. Buhl 48B (1974) 388
Gierula, J., see E.V. Anzon 31B (1970) 237, 241
Gierula, J., see J. Babecki 47B (1973) 268
Gilat, G., Erratum 21B (1966) 719
Gilboy, W.B., G.F. Knoll, Absence of structure in the fission cross section of ^{235}U in the neutron energy range 380–620 keV 21B (1966) 432
Gill, R.D., see O. Häusser 22B (1966) 604
Gill, R.D., B.C. Robertson, J.L'Ecuyer, R.A.I. Bell, H.J. Rosem Lifetime measurements in ^{18}Ne 28B (1968) 116
Gillet, V., M. Rho, Inverse gap equation and phenomenological approach to nuclear structure 21B (1966) 82
Gillet, V., B. Giraud, J. Picard, M. Rho, Collective properties of $N = 50$ isotones 27B (1968) 483
Gillet, V., see M. Danos 34B (1971) 24
Gillet, V., see B. Antoine 44B (1973) 55
Gillman, A.R., see B.J. Charles 40B (1972) 289
Gillmore, R.G., see B.J. Charles 40B (1972) 289
Gilman, F.J., see P. Babu 24B (1967) 65
Gilman, F.J., Test of exchange degeneracy by processes related by crossing 29B (1969) 673
Gilman, F.J., J. Pumplin, A. Schwimmer, L. Stodolsky, Helicity conservation in diffraction scattering 31B (1970) 387
Gilman, F.J., see F.E. Close 38B (1972) 541
Gilman, F.J., M. Kugler, S. Meshkov, Pionic transitions as tests of the connection between current and constituent quarks 45B (1973) 481
Gilman, F.J., I. Karliner, Test of amplitude signs in pion photoproduction predicted by the transformation from current to constituent quarks 46B (1973) 426
Gilmore, R.S., see A.T. Lea 29B (1969) 584
Gilpatrick, M.W., see R.C. Braley 26B (1967) 248
Ginaven, R.O., A.M. Bernstein, R.M. Drisko, J.B. McGrory, The $^{48}Ca(\alpha,p)^{51}Sc$ reaction; experimental results and shell model calculations 25B (1967) 206
Ginestet, J., see P.V. Chliapnikov 39B (1972) 279
Ginestet, J., see J.N. Carney 42B (1972) 124
Ginzburg, I.F., see A.V. Efremov 36B (1971) 371
Ginzburg, I.F., see V.M. Budnev 37B (1971) 320
Ginzburg, I.F., On the character of the asymptotic regime in high-energy hadron collisions 39B (1972) 214
Ginzburg, I.F., see V.M. Budnev 39B (1972) 526
Giorgi, M., see F. Bradamante 28B (1968) 191; 31B (1970) 87; 32B (1970) 303; 44B (1973) 202
Giorgi, M.A., see D.R. Botterill 45B (1973) 405; 46B (1973) 125
Giorgi, M.A., see A. Del Guerra 45B (1973) 409; 50B (1974) 487
Giovannini, A., E. Predazzi, Superconvergent amplitudes and representations of SL(2,R) 24B (1967) 68
Girardeau-Montait, J.P., see J.J. Domingo 32B (1970) 309
Giraud, B., see V. Gillet 27B (1968) 483

Giraud, B., P.U. Sauer, Restoration of rotational symmetry for triaxial Hartree-Fock solutions 30B (1969) 218
Giraud, B., J. Le Tourneux, S.K.M. Wong, Constrained Hartree-Fock calculations for a quadrupole generator coordinate 32B (1970) 23
Giraud, B., D. Zaikine, Generator-coordinate-pseudo-potentials related to the overlap and the kinetic energy of light colliding nuclei 37B (1971) 25
Giraud, B., see Y. Abgrall 43B (1973) 165
Giraud, B., see E.M. Krenciglowa 47B (1973) 322
Giromini, P., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Giromini, P., see G. Finocchiaro 50B (1974) 396
Gittelman, B., see J. DeWire 37B (1971) 326
Giusti, P., see S.A. Gabriele 42B (1972) 504
Givernaud, A., see G. Poulard 46B (1973) 135
Gjesdal, S., G. Presser, P. Steffen, J. Steinberger, F. Vannucci, H. Wahl, K. Kleinknecht, V. Lüth, G. Zech, A measurement of the total cross-sections for Λ hyperon interactions on protons and neutrons in the momentum range from 6 GeV/c to 21 GeV/c 40B (1972) 152
Gjesdal, S., G. Presser, P. Steffen, J. Steinberger, F. Vannucci, H. Wahl, H. Filthuth, K. Kleinknecht, V. Lüth, G. Zech, Search for the decay $K_s \to 2\mu$ 44B (1973) 217
Gjesdal, S., see C. Geweniger 48B (1974) 483, 487
Gladding, G., see F.W. Büsser 46B (1973) 471; 48B (1974) 371, 377
Glantz, L., see W. Ebenhöh 49B (1974) 137
Glas, D., U. Mosel, Viscosity in heavy ion reactions demonstrated for $^{16}O + ^{16}O$ 49B (1974) 301
Glashausser, C., see A. Garin 21B (1966) 73
Glashausser, C., D.L. Hendrie, J.M. Loiseaux, E.A. McClatchie, Fragmentation of the octupole strength in $^{205}Tl(p,p')^{205}Tl$ 31B (1970) 289
Glashausser, C., D.L. Hendrie, E.A. McClatchie, Single-particle proton admixtures in core-excited states of ^{207}Bi 34B (1971) 199
Glashausser, C.M., see J.A. Nolen Jr. 21B (1966) 705
Glashow, S.L., see H. Georgi 44B (1973) 191
Glashow, S.L., see A. De Rújula 46B (1973) 377, 381
Glasser, R., see D. Swanson 48B (1974) 479
Glattes, V., see H. Röpke 41B (1972) 565
Glauber, R.J., see J.V. Allaby 30B (1969) 549
Glaubman, M., see H.R. Blieden 39B (1972) 668
Glaudemans, P.W.M., B.H. Wildenthal, J.B. McGrory, A comparison of the effecitve two-nucleon interaction in $2s\frac{1}{2}\,1d\frac{3}{2}$-shell nuclei with a surface delta interaction 21B (1966) 427
Glaudemans, P.W.M., see J.B. McGrory 26B (1967) 692
Glaudemans, P.W.M., see B.H. Wildenthal 27B (1968) 611
Glaudemans, P.W.M., see A.E.L. Dieperink 28B (1968) 531
Glaudemans, P.W.M., A.E.L. Dieperink, R.J. Keddy, P.M. Endt, Shell-model calculation of transition probabilities between $A = 31$ even-parity states 28B (1968) 645
Glaudemans, P.W.M., C. Van der Leun, Gamma-ray mixing ratios in mirror nuclei 34B (1971) 41
Glaudemans, P.W.M., see P.R. De Kock 34B (1971) 280
Glaudemans P.W.M., see J.F.A. Van Hienen 42B (1972) 301
Glavish, H.F., see S.S. Hanna 40B (1972) 631
Gledhill, M.H., see B.J. Charles 40B (1972) 289
Glendenning, K., see R.J. Ascuitto 47B (1973) 332
Glendenning, N.K., Couples channel calculation of inelastic scattering based on a microscopic nuclear description 21B (1966) 549

Glendenning, N.K., see D.L. Hendrie 26B (1967) 127
Glendenning, N.K., D.L. Hendrie, O.N. Jarvis, Relation between the optical potential for spherical and deformed nuclei 26B (1967) 131
Glendenning, N.K., R.S. Mackintosh, Non-rigidity in alpha scattering from deformed nuclei 29B (1969) 626
Glendenning, N.K., see R.J. Ascuitto 34B (1971) 17; 45B (1973) 85; 48B (1974) 6
Glöckle, W., see W. Ebenhöh 24B (1967) 361
Gloeckner, D., Occupation numbers and shell closure in the zriconium isotopes 42B (1972) 381
Gloeckner, D.H., M.H. Macfarlane, R.D. Lawson, F.J.D. Serduke, Inhibited transitions and isomeric state in the $N = 50$ isotones 40B (1972) 597
Glover, R.N., A. McGregor, Shell effects in the excitation of 0^+ states by (t, p) reactions 24B (1967) 97
Glover, R.N., A.C. Douglas, How good is the shell closure at $N = 28$? 25B (1967) 333
Glover, R.N., see A. Denning 26B (1967) 437
Glover, R.N., see F.R. Hudson 27B (1968) 84
Glover R.N., A. Denning, G. Brown, The influence of 2p-1h configurations on the low-lying states of ^{51}Ti 27B (1968) 434
Glover, R.N., The normalisation factor in (t,d) reactions 28B (1968) 551
Glover, R.N., see W. Booth 30B (1969) 335
Glukhov, Yu.A., see V.I. Chuev 42B (1972) 63
Gmitro, M., J. Hendeković, J. Sawicki, Core polarisation and quasiparticle theories of even tin isotopes with a realistic nucleon-nucleon force 26B (1967) 252
Gmitro, M., J. Sawicki, Energy spectrum of ^{116}Sn and effective nuclear forces derived from the realistic nucleon-nucleon potentials of Yale and of Tabakin 26B (1967) 493
Gmitro, M., Effective nuclear force of a realistic potential: A selfconsistent approach 27B (1968) 616
Gmitro, M., see Y.K. Gambhir 30B (1969) 382
Gmitro, M., see A. Boiti 33B (1970) 553
Gmitrová, E., see Y.K. Gambhir 30B (1969) 382
Gnädig, P., J. Kuti, Proton structure and hyperfine splitting in the hydrogen atom 42B (1972) 241
Gneuss, G., U. Mosel, W. Greiner, A new treatment of the collective nuclear Hamiltonian 30B (1969) 397
Gneuss, G., U. Mosel, W. Greiner, On the relationship between the level-structures in spherical and deformed nuclei 31B (1970) 269
Gneuss, G., W. Greiner, U. Mosel, Even-odd-staggering in γ-bands 32B (1970) 161
Gneuss, G., see H. Arenhövel 34B (1971) 249
Gobbi, B., see P. Astbury 22B (1966) 537; 23B (1966) 160, 396
Gobbi, B., see A.M. Cnops 22B (1966) 546; 26B (1967) 398; 27B (1968) 113
Gobbi, B., see R.A. Bowen 24B (1967) 206
Gobbi, B., see W. Beusch 25B (1967) 357
Gobbi, B., see J.P. Dufey 26B (1967) 410; 29B (1969) 605
Goddard, P., A.R. White, The zero in the three Pomeron vertex 38B (1972) 93
Goddard, P., C.B. Thorn, Compatibility of the dual pomeron with unitarity and the absence of ghosts in the dual resonance model 40B (1972) 235
Goddard, P., see E.F. Corrigan 44B (1973) 502
Godden, G., see D.D. Allen 21B (1966) 468; 22B (1966) 543
Godden, G., see J.B. Kopelman 22B (1966) 118
Goebel, C.J., G. Shaw, Phenomenological bounds on $\pi\pi$ scattering lengths 27B (1968) 291
Goebel, G., see Y. Goldschmidt-Clermont 27B (1968) 602
Goeke, K., see A. Faessler 35B (1971) 193
Goeke, K., A. Faessler, Angular momentum projected Hartree-Fock-Bogoliubov calculations for ^{30}Si and ^{36}Ar 35B (1971) 289

Goeke, K., J. García, A. Faessler, The effect of particle number fluctuation on the rotational states of paired light nuclei 41B (1972) 557
Goeke, K., see J.E. Galonska 45B (1973) 414
Gogny, D., P. Pires, R. De Tourreil, A smooth realistic local nucleon-nucleon force suitable for nuclear Hartree-Fock calculations 32B (1970) 591
Göke, K., see V. Klemt 33B (1970) 331
Göke, K., see Y. Abgrall 43B (1973) 165
Gokieli, R., see O. Balea 39B (1972) 571
Gokieli, R., see Alma ... collaboration 48B (1974) 277
Goksadze, G.Sh., see T.I. Kopaleishvili 22B (1966) 181
Goldberg, H., Superconvergent consistency conditions for the πN P_{33} partial-wave amplitude 24B (1967) 71
Goldberg, H.S., V.L. Telegdi, An optical model consitency conditions between the regeneration phase and the real parts of the K^o-N forward scattering amplitudes 35B (1971) 327
Goldberg, J., see R. Barloutaud 26B (1968) 674
Goldberg, J., E. Huffer, M. Laloum, G. Lamidey, A. Rougé, B. Haber, G. Yekutieli, A. Rossi, P. Serra, G. Bakker, W. Hoogland, R. Barloutaud, J.C. Scheuer (SABRE Collaboration), Decay asymmetry of the $K^-\pi^+$ system in K^- nucleon interactions at 3 GeV/c 30B (1969) 434
Goldberg, J., see G. Giacomelli 31B (1970) 321; 33B (1970) 373
Goldberg, J., see E. Hirsch 36B (1971) 139
Goldberg, M. see R. Vanderhagen 24B (1967) 493
Goldberg, M., see P. Fleury 26B (1968) 682, 686
Goldberg, M., see J. Duboc 34B (1971) 342
Goldberg, M., see N.B. Durusoy 45B (1973) 517
Goldberg, M.D., see R.K. Jolly 28B (1968) 546
Goldberg, V.Z., see K.P. Artemov 37B (1971) 61
Goldfarb, L.J.B., K.K. Wong, The influence of compound nucleus contributions on (d,p) reactions 22B (1966) 310
Goldfarb, L.J.B., Addendum to finite range effects in (d,p) reactions 24B (1967) 264
Goldfarb, L.J.B., H.E. Reed, The d + D reactions at deuteron energies below 1 MeV 27B (1968) 140
Goldfarb, L.J.B., see T.F. Baker 27B (1968) 348
Goldfarb, L.J.B., R.G. Seyler, The determination of spins of resonance states 28B (1968) 15
Goldfarb, L.J.B., E.F. Hefter, Application of the sudden approximation to the $^{12}C(d,p_o)^{13}C$ reaction 38B (1972) 379
Goldfarb, L.J.B., see D.P. Bouldin 47B (1973) 203
Goldfarb, L.J.B., see A.R. Barnett 48B (1974) 290
Goldhaber, A.S., G.C. Fox, C. Quigg, Theory of ρ-ω interference in $\pi^+\pi^-$ production 30B (1969) 249
Goldhaber, A.S., G.C. Fox, C. Quigg, Erratum 31B (1970) 620
Goldhaber, G., see B.C. Shen 25B (1967) 443
Goldhaber, G., see G. Alexander 27B (1968) 177
Goldhaber, G., see R.W. Bland 29B (1969) 618
Goldhaber, G., see A. Firestone 36B (1971) 513
Goldhaber, G., see D. Faiman 43B (1973) 307
Goldhammer, P., see N. Freed 23B (1966) 564
Goldin, L.L., see G.K. Bisheva 24B (1967) 533
Goldin, L.L., see Y.D. Bajukov 24B (1967) 598
Goldin, L.L., see V.V. Barmin 35B (1970) 377

Goldman, A., see G. Schäfer 46B (1973) 65
Goldman, I.I., V.A. Khoze, On polarization effects in Compton scattering on relativistic electrons 29B (1969) 426
Goldman, T., W. Tsai, Comment on spin one theory 36B (1971) 467
Goldman, T., D. Sivers, Comment on multiplicities in Cheng-Wu field theory 48B (1974) 39
Goldmann, A., see O. Titze 24B (1967) 169; 31B (1970) 565
Goldmann, A., see M. Stroetzel 29B (1969) 306
Goldmann, A., M. Stroetzel, Study of 2-states in ^{16}O at 19.04 and 20.36 MeV by inelastic electron scattering 31B (1970) 287
Goldmann, A., see P. Antony-Spies 31B (1970) 632
Goldmann, A., see D. Riegel 44B (1973) 456
Goldring, G., see F. Boehm 22B (1966) 627; 23B (1966) 491
Goldring, G., H.M. Loebenstein, I. Plesser, M.W. Sachs, Elastic scattering of ^{16}O, ^{17}O and ^{18}O on ^{12}C and the spatial extension of the oxygen isotopes 25B (1967) 538
Goldring, G., M. Samuel, B.A. Watson, M.C. Bertin, S.L. Tabor, Alpha-particle scattering from $^{204,206,208}Pb$ and ^{209}Bi at incident energies near the Coulomb barrier 32B (1970) 465
Goldsack, S.J., see J. Bartsch 22B (1966) 357; 28B (1968) 439
Goldsack, S.J., see M. Aderholz 24B (1967) 434
Goldsack, S.J., see D.C. Colley 24B (1967) 489
Goldsack, S.J., see W.W.M. Allison 25B (1967) 619
Goldsack, S.J., see J.V. Beaupré 34B (1971) 160
Goldsack, S.J., see M.J. Counihan 37B (1971) 81
Goldschmidt, M., see A. Von der Decken 41B (1972) 477
Goldschmidt, M., see H.H. Duhm 48B (1974) 1
Goldschmidt-Clermont, Y., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
Goldschmidt-Clermont, Y., see M. Jobes 26B (1967) 49
Goldschmidt-Clermont, Y., V.P. Henri, B. Jongejans, U. Kundt, F. Muller, R. Sekulin, M. Shafi, G. Wolf, J.M. Crispeels, J. Debaisieux, M. Delabaye, P. Dufour, F. Grard, J. Heughebaert, J. Naisse, G. Thill, R. Windmolders, K. Buchner, G. Dehm. G. Goebel, H. Hupe, T. Joldersma, I.S. Mittra, W. Wittek, K^+n charge exchange reaction at 3 GeV/c 27B (1968) 602
Goldschmidt-Clermont, Y., see P.V. Chliapnikov 36B (1971) 235; 39B (1972) 279
Goldschmidt-Clermont, Y., see J.N. Carney 42B (1972) 124
Goldzahl, L., see W.F. Baker 23B (1966) 605; 25B (1967) 361
Goldzahl, L., see J. Banaigs 24B (1967) 317; 43B (1973) 535; 45B (1973) 394, 535
Goles. R.W., R.A. Warner, Wm.C. McHarris, W.K. Kelly, States in ^{163}Ho and ^{167}Tm populated through the (p,t) reaction on ^{165}Ho and ^{169}Tm 44B (1973) 59
Gollon, P.J., see R.K. Bardin 26B (1967) 112
Golovanov, L.B., see V.K. Birulev 38B (1972) 452
Golovanov, L.B., see Berlin ... collaboration 48B (1974) 257
Golovin, N.I., see A.A. Derevchekov 48B (1974) 367
Golovkin, S.V., M.I. Grachev, Yu.S. Khodyrev, V.P. Kunarovsky, L.G. Landsberg, V.M. Leontyev, T.I. Petrunina, A.M. Zaytev, Search for heavy quasistable leptons 42B (1972) 136
Golubchikov, V.M., see V.V. Barmin 33B (1970) 377
Golutvin, I.A., see V.K. Birulev 38B (1972) 452
Comberoff, L., L.P. Horwitz, Light cone analysis of parton model relations 43B (1973) 408
Gomberoff, L., L.P. Horwitz, Y. Ne'eman, Algebra of strengths generated by bilocal currents acting on "constituent" states 45B (1973) 131

Gombosi, E., see G. Bozóki 28B (1968) 360; 30B (1969) 498
Gombosi, E., see E.V. Anzon 31B (1970) 237, 241
Gomez, J.M.G., see S.K.M. Wong 42B (1972) 157
Gomez, J.M.G., J. Sesma, Electromagnetic corrections in Coulomb displacement energies 44B (1973) 231
Gomez Del Campo, J., J.L.C. Ford Jr., R.L. Robinson, P.H. Stelson, J.B. McGrory, S.T. Thornton, Population of high spin states in ^{22}Na by means of the ^{10}B(^{16}O, α) reaction 46B (1973) 180
Goncharova, N.G., N.P. Yudin, The influence of fractional parentage structure of ground state on the photodisintegration of ^{12}C nucleus 29B (1969) 272
Gönczi, L., see W. Ebenhöh 49B (1974) 137
Conidec, A., see H. Aoi 35B (1971) 90
Gönnenwein, F., see R. Müller 48B (1974) 25
Gono, Y., D.R. Zolnowski, D.R. Heanni, T.T. Sugihara, Parity determination of high-spin yrast levels in ^{156}Er 49B (1974) 338
González, M.A., J.H. Weis, Where are the fragments of the virtual photon? 49B (1974) 351
Gonzales Mestres, L., R. Hong Tuan, Factorizing dual amplitude with Mandelstam analycity 45B (1973) 282
Good, M.L., see J.V. Allaby 23B (1966) 389
Goode, P., S. Siegel, A shell model approach to the calculation of effective charges 31B (1970) 418
Goode, P., S.S.M. Wong, Do the ground state rotational bands of ^{8}Be and ^{20}Ne cut off? 32B (1970) 89
Goode, P., D.S. Koltun, Behavior of the *G*-matrix expansion for the average effective interaction 39B (1972) 159
Goode, Ph., L. Zamick, Calculated nearly degenerate isospin doublets 43B (1973) 183
Goodman, A.L., G.L. Struble, A. Goswami, Restoration of axial symmetry of the equilibrium shape of ^{24}Mg by pairing correlations 26B (1967) 260
Goodman, C., see N.D. Gabitzsch 47B (1973) 234
Goodman, C., see M. Furic 47B (1973) 241
Goosman, D.R., R.W. Kavanagh, The energy, lifetime, and spin of the 1611 keV level in ^{37}Ar 24B (1967) 507
Goosman, D.R., see J. Cerny 37B (1971) 380
Gorbunov, A.N., Study of the ^{4}He(γ,p)^{3}H and ^{4}He(γ,n)^{3}He reactions 27B (1968) 436
Gorczyca, B., D. Schildknecht, A remark on the precocity of scaling in deep inelastic electron proton scattering 47B (1973) 71
Gordon, D., see S. Fubini 29B (1969) 679
Gordon, D., see F.T. Dao 45B (1973) 73, 399, 402
Gordon, G.E., see B. Parsa 23B (1966) 269
Gordon, H.A., see D.J. Crennell 35B (1971) 185
Gordon, J., K^- + p elastic scattering at 3.46 GeV/*c* 21B (1966) 117
Gordon, J.D., see W.W.M. Allison 25B (1967) 619
Gorenstein, M.I., V.A. Miransky, V.P. Shelest, G.M. Zinovjev, A fresh look at the statistical bootstrap model 45B (1973) 475
Gorestein, P., M. Grilli, F. Soso, P. Spillantini, M. Nigro, E. Schiavuta, V. Valente, Asymmetry ratios in the photoproduction of π^+ by linearly polarized γ-rays in the energy range 200–400 MeV 23B (1966) 394
Gorichev, P., see O. Balea 39B (1972) 571
Gorichev, P.A., see V.V. Ammosov 42B (1972) 519
Gorin, Yu.P., see Yu.B. Bushnin 29B (1969) 48

Gorin, Yu.P., see J.V. Allaby 30B (1969) 500
Gorin, Yu.P., see F. Binon 31B (1970) 230
Gorin, Yu.P., see Yu.M. Antipov 34B (1971) 164
Gorin, Yu.P., see S.P. Denisov 34B (1971) 167; 36B (1971) 415, 528
Gorini, G., see A. Placci 32B (1970) 413
Gorini, G., see J. Bailey 33B (1970) 369
Gorini, G., see K.O.H. Ziock 33B (1970) 471
Gorlov, G.V., N.S. Lebedeva, V.M. Morosov, Elastic scattering of polarized 4 MeV neutrons by heavy and mediumweight nuclei 25B (1967) 197
Gorn, W., see P.R. Robrish 31B (1970) 617
Gorodetzky, Ph., see S. Gorodetzky 22B (1966) 505; 24B (1967) 578
Gorodetzky, S., J. Adloff, P. Chevallier, D. Disdier, Ph. Gorodetzky, R. Modjtahed-Zadeh, F. Scheibling, Mise en évidence d'une transition entre bandes rotationnelles dans ^{16}O 22B (1966) 505
Gorodetzky, S., J.C. Adloff, P. Chevallier, D. Disdier, Ph. Gorodetzky, V. Rauch, F. Scheibling, Etude de la transtion du niveau 9.85 MeV au niveau 6.06 MeV dans ^{16}O 24B (1967) 578
Gorodkov, Yu.V., see V.D. Antopolsky 28B (1968) 220, 223
Gorodkov, Yu., see A. Babaev 38B (1972) 342
Gorshkov, V.G., see G.V. Frolov 22B (1966) 662, 671
Gorski, M., see Alma ... collaboration 48B (1974) 277
Goshaw, A.T., A.R. Erwin, W.D. Walker, A. Weinberg, A search for the Kappa meson 22B (1966) 347
Goswami, A., see H.T. Chen 24B (1967) 257
Goswami, A., L. Lin, G.L. Struble, On the possibility of gapless superconductivity in deformed nuclei due to the Coriolis interaction 25B (1967) 451
Goswami, A., see A.L. Goodman 26B (1967) 260
Goswami, A., O. Nalcioğlu, Quadrupole moment of the 2^+ phonon and the structure of the odd mass spherical nuclei 26B (1967) 353
Goswami, A., see J. Bar-Touv 28B (1968) 391
Goswami, A., see L. Lin 37B (1971) 21
Goswami, A., see M.K. Ghosh 39B (1972) 433
Goswami, A., R.D. Graves, Fine structure of the giant dipole resonance in ^{16}O and nuclear coexistence 39B (1972) 499
Goswami, A., L. Lin, On the hexadecapole collective motion in spherical nuclei 42B (1972) 310
Goswami, A., R.D. Graves, A direct experimental test of the coexistence model for the structure of the giant dipole resonance in ^{16}O 44B (1973) 335
Gotsman, E., see Y. Eisenberg 22B (1966) 217, 223
Gottfried, C., see L. Criegee 28B (1968) 283
Gottfried, Ch., see M. Breidenbach 39B (1972) 654
Gottfried, Ch., see H. Dibon 44B (1973) 313
Gottfried, K., O. Kofoed-Hansen, Proton spectra according to the diffraction excitation model 41B (1972) 195
Gottschalk, see C.R. Gruhn 24B (1967) 266
Gottschalk, B., see Blieden 39B (1972) 668
Götz, U., H.C. Pauli, K. Alder, K. Junker, Deformation energies of W, Os, Pt and Hg isotopes for β_2-, β_4- and γ-distortions 38B (1972) 274
Götz, U., H.C. Pauli, K. Junker, Influence of axially asymmetric distortions on fission barriers 39B (1972) 436
Götz, U., see A. Faessler 39B (1972) 579
Götz, U., see R.A. Broglia 45B (1973) 23

Gouanère, M., see C. Détraz 22B (1966) 638
Goudergues, J., see J. Arvieux 22B (1966) 610
Gough, C.E., see G.R. Isaak 31B (1970) 63, 572
Gough, R.A., see J. Cerney 33B (1970) 284
Gough, R.A., R.G. Sextro, J. Cerny, On the lowest $T = 3/2$ state in ^{41}Sc 43B (1973) 33
Goulard, B., J. Joseph, Muonuclear absorption 45B (1973) 27
Goulard, G., Effects des termes d'interférence dans une réaction séquentielle 30B (1969) 216
Goulding, F.S., see A.M. Poskanzer 27B (1968) 414
Gounaris, G.J., Status of the Cabibbio–Radicati sum rule and a new test of vector meson dominance 41B (1972) 329
Gourdin, M., A remark about the general methods in current algebra 22B (1966) 336
Gourdin, M., L. Stodolsky, F.M . Renard, Electro-magnetic mixing of ρ, ω mesons 30B (1969) 347
Gourlay, J.Y., see K.W.D. Ledingham 50B (1974) 247
Goussu, O., see N. Armenise 25B (1967) 53
Govan, M., see M.J. Esten 24B (1967) 115
Govan, M., see K.D. Billing 25B (1967) 435
Govan, M., see F.W. Bullock 27B (1968) 402
Govan, M., see C. Mayeur 33B (1970) 441
Govan, M., see P. Beillière 39B (1972) 671
Govan, M., see G. Wilquet 42B (1972) 372
Gove, H.E., see R.A. Lindgren 49B (1974) 263
Gove, N.B., see S. Raman 40B (1972) 89
Govorun, N.N., see V.K. Birulev 38B (1972) 452
Govorun, N.N., see Berlin ... collaboration 48B (1974) 257
Grabisch, K., see H. Fuchs 23B (1966) 363; 25B (1967) 204; 49B (1974) 447
Grabisch, K., see W. Bohne 47B (1973) 342
Grabowski, J., Parity nonconserving effects in nuclei ^{175}Lu and ^{181}Ta 33B (1970) 268
Gracco, V., see J. Buon 26B (1967) 595
Gracco, V., see J.E. Augustin 28B (1968) 503,513
Gracco, V., see V. Chabaud 38B (1972) 441, 445, 449; 41B (1972) 209
Gracco, V., see A. Eide 41B (1972) 225
Gracco, V., see F.H. Schmidt 45B (1973) 157
Gracco, V., see C. Baglin 47B (1973) 85, 89
Grace, M.A., see W.L. Randolph 44B (1973) 36
Grachev, M.I., see V.N. Bolotov 38B (1972) 120
Grachev, M.I., see S.V. Golovkin 42B (1972) 136
Grachov, V.T., see A.A. Vorobiev 30B (1969) 332
Grachov, V.T., see A.A. Vorobyov 40B (1972) 102
Grachyov, B.D., A.P. Komar, Yu.S. Korobochko, V.I. Mineyev, A.E. Vinnichenko, Coherent bremsstrahlung radiation of 15 MeV electrons in a silicon monocrystal 22B (1966) 498
Gräf, H.-D., see F.R. Buskirk 42B (1972) 194
Graffi, S., see D. Bessis 28B (1968) 567
Graffi, S., V. Grecchi, B. Simon, Borel summability: application to the anharmonic oscillator 32B (1970) 631
Grafström, P., see S. Dahlgren 35B (1971) 219; 47B (1973) 439
Graham, R.L., see D. Ward 29B (1969) 487; 44B (1973) 39
Graham, R.L., see H. Schmeing 44B (1973) 452
Graham, R.L., see K.P. Jackson 49B (1974) 341

Gram, P.A.M., see M. Furic 47B (1973) 241
Grammaticos, B., A semi-classical model for asymmetric fission 44B (1973) 343
Grammatikakis, G., see J. Bartsch 28B (1968) 439
Granet, P., see R. Armenteros 24B (1967) 198; 28B (1968) 521
Granet, P., see V.V. Ammosov 42B (1972) 519
Granet, P., see H. Blumenfeld 45B (1973) 525, 528
Grangé, P., M.A. Preston, Higher partial wave contribution to nuclear matter binding energy: phase shift approximation versus one pion-plus σ-exchange potential 42B (1972) 35
Grannis, P., see R. Amendolia 44B (1973) 119
Grannis, P., see G. Bellettini 45B (1973) 69
Grannis, P., see M.R. Jane 48B (1974) 260, 265
Grannis, P., see S.R. Amendolia 48B (1974) 359
Grannis, P., see G. Finocchiaro 50B (1974) 396
Granstrøm, L., see H. Bøggild 30B (1969) 369
Grant, A., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
Grant, A., see M. Jobes 26B (1967) 49
Grant, A., see P.V. Chliapnikov 39B (1972) 279
Grant, A., see J.N. Carney 42B (1972) 124
Grant, I.S., see P.M. Cockburn 25B (1967) 111
Grard, F., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
Grard, F., see M. Jobes 26B (1967) 49
Grard, F., see Y. Goldschmidt-Clermont 27B (1968) 602
Grard, F., see P.V. Chliapnikov 39B (1972) 279
Grard, F., see J.N. Carney 42B (1972) 124
Grässler, H., see J.V. Beaupré 34B (1971) 160; 41B (1972) 393
Graven, R.M., see R.L. McCarthy 42B (1972) 291
Graves, R.D., see A. Goswami 39B (1972) 499; 44B (1973) 335
Graves-Morris, P.R., A model of $\eta \to 3\pi$ and $K \to 3\pi$ decays 35B (1971) 55
Graves-Morris, P.R., Erratum 38B (1972) 188
Graw, G., see G. Clausnitzer 25B (1967) 267
Graw, G., G. Clausnitzer, R. Fleischmann, K. Wienhard, Spin determination of isobaric analogue states in $N = 85$ and 87 nuclei elastic scattering of polarized protons 28B (1968) 583
Graw, G., G. Clausnitzer, H. Clement, K. Wienhard, R. Fleischmann, Inelastic scattering of polarized protons through isobaric analogue resonances in ^{91}Nb 30B (1969) 465
Graw, G., C. Hategan, The (D,P) reaction anomaly at the threshold of the neutron analogue channel 35B (1971) 541
Graw, G., C. Hategan, The (d,p) reaction anomaly at the threshold of the analogue channel and the p-wave neutron strength function 37B (1971) 41
Gray, D.A., see A.J. Bracken 37B (1971) 420
Gray, J.D., see I.H. Sloan 44B (1973) 354
Gray, J.W., N.I. Greenberg, Extension of Belyaev-Zelevinski method for rotation as intrinsic nuclear excitation 46B (1973) 34
Gray, L., see Th. Papadopoulou 43B (1973) 401
Gray, W.S., T. Wei, J. Jänecke, R.M. Polichar, Positive parity levels in ^{36}S observed in the ^{37}Cl(d, ^{3}He)^{36}S reaction 26B (1967) 383
Grayer, G., B. Hyams, C. Jones, P. Schlein, W. Blum, H. Dietl, W. Koch, H. Lippmann, E. Lorenz, G. Lütjens, W. Männer, J. Meissburger, U. Stierlin, P. Weilhammer, Measurement of the A_2^- meson mass spectrum 34B (1971) 333

Grayer, G., B. Hyams, C. Jones, P. Schlein, W. Blum, H. Dietl, W. Koch, E. Lorenz, G. Lütjens, W. Männer, J. Meissburger, W. Ochs, U. Stierlin, P. Weilhammer, Determination of the g-meson spin 35B (1971) 610
Grayer, G., B. Hyams, C. Jones, P. Schlein, P. Weilhammer, W. Blum, H. Dietl, W. Koch, E. Lorenz, G. Lütjens, W. Männer, J. Meissburger, W. Ochs, U. Stierlin, Measurement of the reaction $\pi^- p \to (p\bar{p})n$ at 18.8 GeV/c 39B (1972) 563
Greben, J.M., see L.P. Kok 40B (1972) 300
Grecchi, V., see D. Bessis 28B (1968) 567
Grecchi, V., see S. Graffi 32B (1970) 631
Grecescu, M., see A. Kerek 31B (1970) 10
Greco, M., see E. Etim 26B (1967) 313; 41B (1972) 507
Greco, M., Large angle p-p elastic scattering 27B (1968) 234
Greco, M., A. Tenore, A. Verganelakis, Virtual proton Compton effect on the wide angle bremsstrahlung and polarization phenomena 27B (1968) 317
Greco, M., p-p and e-p elastic scattering at large momentum transfers 27B (1968) 578
Greco, M., Pomeranchon exchange and p-p elastic scattering 29B (1969) 505
Greco, M., A model for the Pomeranchuk terms 31B (1970) 216
Greco, M., see A. Bramon 39B (1972) 514; 41B (1972) 609; 48B (1974) 137
Green, A.M., A simple density dependent effective interaction 24B (1967) 384
Green, A.M., T.K. Dahlblom, A. Kallio, M. Rho, Muon-capture in ^{16}O-renormalization of the one-body operator 31B (1970) 189
Green, A.M., Effects of the N^*_{33} isobar in low energy nuclear physcis 34B (1971) 451
Green, A.M., see T.K. Dahlblom 41B (1972) 23
Green, D., see R. Amendolia 44B (1973) 119
Green, D., see G. Bellettini 45B (1973) 69
Green, D., see S.R. Amendolia 48B (1974) 359
Green, D., see G. Finocchiaro 50B (1974) 396
Green, L.L., see C.O. Lennon 28B (1968) 253
Green, L.L., see J.L. Durell 29B (1969) 100
Green, L.L., see M. Wayne Greene 32B (1970) 680
Green, M.B., R.L. Heimann, The inclusion of fermions in dual N-point functions 30B (1969) 642
Green, M.B., G. Veneziano, Average properties of dual resonances 36B (1971) 477
Green, M.B., see M.B. Einhorn 37B (1971) 292
Green, M.B., see H.D.I. Abarbanel 38B (1972) 90
Green, M.B., Cancellation of the leading divergence in dual loops 46B (1973) 392
Green, M.G., see M.R. Jane 48B (1974) 260, 265
Green, N., see J.W. Chapman 47B (1973) 465
Green, P.J., see B.J. Bateman 36B (1971) 144
Greenbaum, E.S., see Y.W. Chow 30B (1969) 171
Greenberg, A.J., see D.S. Ayres 24B (1967) 483
Greenberg, B.A., see Yu.M. Plishkin 22B (1966) 719
Greenberg, J.S., see S. Mori 28B (1968) 152
Greenberg, N.I., see J.W. Gray 46B (1973) 34
Greenberg, O.W., Three-triplet model, quality, and the Pomeranchon 29B (1969) 493
Greene, M.W., Analog states in ^{39}Ar observed with the ^{40}Ar(^{3}He,α)^{39}Ar reaction 24B (1967) 171
Greene, M.W., see J.L. Durell 29B (1969) 100
Greenhut, G., R. Weinstein, ρ,ω photoproduction phase: A possible breakdown in vector dominance 33B (1970) 363

Greenlees, G.W., G.J. Pyle, Y.C. Tang, On the real central part of the proton optical model potential 26B (1968) 658
Greenlees, G.W., Y.C. Tang, Generalization of local and non-local optical models 34B (1971) 359
Greenwood, L.R., see J.R. Erskine 47B (1973) 335
Greenwood, R.C., W.W. Black, The binding energy of the deuteron determined from measurement of the hydrogen neutron capture gamma-ray energy 21B (1966) 702
Greenwood, R.C., The neutron binding energies of ^{10}Be and ^{24}Na determined from neutron capture gamma-ray energy measurements 23B (1966) 482
Greenwood, R.C., Observation of a 9.15 MeV doublet level in ^{15}N from a study of the ^{14}N(n,γ)^{15}N reaction 27B (1968) 274
Greenwood, R.C., C.W. Reich, S.H. Vegors, Jr., Excited $K^{\pi} = 0^{+}$ bands in ^{172}Yb 33B (1970) 213
Grégoire, G., see M. Borghini 31B (1970) 405; 36B (1971) 493, 497, 501
Gregorio, M., see G. Cocho 48B (1974) 63
Gregorio, M.A., see V.A. Alessandrini 29B (1969) 83
Gregorio, M.A., see G. Alberti 45B (1973) 490
Gregory, M.C., see S. Jha 25B (1967) 115
Gregory, P.R., T. Taylor, A variable moment of inertia description of bands in odd-even nuclei 41B (1972) 122
Gregory, P.S., P. Grossmann, P. Mason, H. Muirhead, S.O. Holmgren, N.K. Yamdagni, Transverse momentum plots for annihilation and non-annihilation processes 43B (1973) 228
Greiner, W., see H.G. Wahsweiler 23B (1966) 257
Greiner, W., see J.B. Seaborn 23B (1966) 576
Greiner, W., see W. Pieper 24B (1967) 377
Greiner, W., see A. Piazza 25B (1967) 579
Greiner, W., see P. Antony-Spies 26B (1967) 268
Greiner, W., see H. Holm 29B (1969) 473
Greiner, W., see B. Fricke 30B (1969) 317
Greiner, W., see G. Gneuss 30B (1969) 397; 31B (1970) 269; 32B (1970) 161
Greiner, W., see K. Albrecht 32B (1970) 229
Greiner, W., see K. Pruess 33B (1970) 197
Greiner, W., see U. Mosel 34B (1971) 587
Greiner, W., see R. Fraser 35B (1971) 483
Greiner, W., see G. Helling 36B (1971) 64
Greiner, W., see J. Maruhn 44B (1973) 9
Greiner, W., see H. Diehl 45B (1973) 35
Greiner, W., see P. Lichtner 45B (1973) 175
Greiner, W., see B. Müller 47B (1973) 5; 49B (1974) 219
Grelaud, B., see B. Bouquet 41B (1972) 536
Grenacs, L., see J.P. Deutsch 22B (1966) 166; 26B (1967) 315; 28B (1968) 178; 29B (1969) 66
Grenacs, L., see P. Igo-Kemenes 34B (1971) 286
Grenacs, L., see A. Possoz 50B (1974) 438
Gresser, J., see M. Banner 41B (1972) 547; 44B (1973) 537
Grether, D.F., see W.F. Buhl 48B (1974) 388
Gribov, V., B. Pontecorvo, Neutrino astronomy and lepton charge 28B (1968) 493
Gribov, V.N., B.L. Ioffe, V.M. Shekhter, On some consequences from the vector current conservation 21B (1966) 457
Gribov, V.N., see G.V. Frolov 22B (1966) 662, 671; 31B (1970) 34
Gribov, V.N., B.L. Ioffe, I.Ya. Pomeranchuk, On the total annihilation cross section of electron-positron pairs into hadrons at high energies 24B (1967) 554

Gribov, V.N., I.Yu. Kobsarev, V.D. Mur, L.B. Okun, V.S. Popov, On properties of amplitudes not satisfying the Pomeranchuk theorem conditions 32B (1970) 129, 724
Gribov, V.N., L.N. Lipatov, Deep inelastic electron scattering in perturbation theory 37B (1971) 78
Gribov, V.N., see A.A. Anselm 40B (1972) 487
Gridnev, G.F., see A.G. Artukh 31B (1970) 129; 32B (1970) 43; 33B (1970) 407
Gridnev, K.A., see V.K. Lukyanov 29B (1969) 535
Gridnev, K.A., see V.E. Bunakov 32B (1970) 587; 34B (1971) 27
Grieder, P., see G. Chikovani 25B (1967) 44
Griegee, L., see G. Buschhorn 33B (1970) 241
Griffin, J., see L. Gambhir 50B (1974) 407
Griffin, J.J., Energy dependence of average direct reaction cross sections an partial nuclear level densities 24B (1967) 5
Griffin, J.J., see K.-K. Kan 50B (1974) 241
Griffin, R.E., A.D. Jackson, A.B. Volkov, An explanation for the O^+ excited pairing state in actinide nuclei 36B (1971) 281
Griffith, J.A.R., see R. Balcarcel 26B (1967) 213
Griffith, R.W., B. Renner, Low energy limits of a K_{l_4} form factor 27B (1968) 650
Griffiths, R.J., see A.R. Johnston 21B (1966) 309
Griffiths, R.J., see F.G. Kingston 22B (1966) 458
Griffiths, R.J., see P.B. Woollam 37B (1971) 13
Griffiths, R.J., see A.M. Hanna 37B (1971) 361
Griffths, G.M., see G.M. Bailey 24B (1967) 222
Griffy, T.A., Effect of the Coulomb interaction on isospin selection rules in nuclear reactions 21B (1966) 693
Grigalashivili, T.S., see V.K. Birulev 38B (1972) 452
Grigalashvili, T.S., see Berlin ... collaboration 48B (1974) 257
Grigalashvili, T.S., see K.F. Albrecht 48B (1974) 393
Grigorian, A., see C.D. Buchanan 32B (1970) 396
Grilli, M., see P. Gorenstein 23B (1966) 394
Grilli, M., see B. Borgia 35B (1971) 340
Grilli, M., see F. Ceradini 42B (1972) 501; 43B (1973) 341
Grillo, A., see D. Atkinson 29B (1969) 423
Grillo, A.F., see S. Ferrara 36B (1971) 124; 38B (1972) 188, 333; 42B (1972) 264; 45B (1973) 63
Grin, G.A., C. Joseph, C.Y. Wong, T. Tamura, Scattering of 14.1-MeV neutrons from ^{12}C 25B (1967) 387
Grin, G.A., R. Kunselman, Solid-state effects in pionic atoms 31B (1970) 116
Grin, Yu.T., On rules of E1 and M1 transition intensities in nuclei 24B (1967) 605
Grin, Yu.T., L.B. Leinson, Many-particle excited states in nuclei 37B (1971) 253
Grindhammer, G., see P. Brauel 45B (1973) 389; 50B (1974) 507
Grishanova, S.I., see V.V. Balashov 28B (1968) 157; 36B (1971) 325
Grishanova, S.I., N.N. Titarenko, The form factor for the 2^- $T=1$ state at 19.4 MeV in ^{12}C 32B (1970) 565
Grishin, A.P., see M.S. Dubovikov 23B (1966) 716
Grishin, V., see Alma ... collaboration 48B (1974) 277
Grishin, V., see O. Balea 39B (1972) 571
Grodsky, I.T., Trouble with Fubini's single-particle pole solution to superconvergence relations 25B (1967) 149
Grodzins, L., R. Borchers, G.B. Hagemann, Effective magnetic field at Sm, Gd and Dy nuclei in metallic Fe following Coulomb excitation implantation 21B (1966) 214
Grodzins, L., R. Kalish, D. Murnick, R.J. Van de Graaff, F. Chmara, P.H. Rose, Measurements of equilibrium charge states of Br, I, Ta and U up to about 200 MeV 24B (1967) 282

Grodzins, L., see E.J. Ansaldo 30B (1969) 538; 32B (1970) 479; 34B (1971) 43
Grogoryev, V.K., see M.S. Dubovikov 23B (1966) 716
Gromes, D., see H.D. Dahmen 35B (1971) 335
Gronau, M., Some difficulties with Oakes' theory of *CP*-violation 30B (1969) 196
Gronau, M., Testing the parton model in massive lepton pair production 39B (1972) 395
Groom, D.E., see J.P. Boright 33B (1970) 615
Groshev, L.V., V.N. Dvoretsky, A.M. Demidov, Yu.N. Panin, V.I. Lushchikov, Yu.N. Pokotilovsky, A.V. Strelkov, F.L. Shapiro, Experiments with ultracold neutrons 34B (1971) 293
Gross, D.H.E., On the connection of the effective particle-hole force and the single-particle potential in a microscopic theory 30B (1969) 16
Gross, D.H.E., see P.J. Siemens 36B (1971) 24
Gross, D.H.E., The statistical model of nuclei and its relation to the Strutinsky averaging method 42B (1972) 41
Gross, D.H.E., Dynamical recoil effects in a distorted-wave treatment of heavy-ion transfer reactions 43B (1973) 371
Gross, D.H.E., see R. Beck 47B (1973) 143
Gross, D.H.E., H. Kalinowski, On the mechanism of heavy ion collisions leading to a compound system and to deep inelastic reactions 48B (1974) 302
Gross, D.J., A. Neveu, J. Scherk, J.H. Schwarz, The primitive graphs of dual-resonance models 31B (1970) 592
Gross, D.J., see T.H. Burnett 32B (1970) 115
Gross, E.E., see R.W. Rutkowski 35B (1971) 151
Gross, F., see J. Hornstein 47B (1973) 205
Gross, R., I. Talmi, Binding energies in (1d, 2s) shell nuclei 44B (1973) 147
Grosse, E., see J. Solf 28B (1968) 413
Grosse, E., see A. Richter 38B (1972) 349
Grosse-Schulte, M., see R. Bock 22B (1966) 456
Grossetête, B., see B. Bouquet 26B (1967) 178
Grossman, P. see J.R. Fry 43B (1973) 146
Grossman, P., see P.S. Gregory 43B (1973) 228
Grossman, P. see D. Everett 47B (1973) 541
Grosso, C., see A. Böhm 27B (1968) 321, 594
Grosso, C., see H. Faissner 30B (1969) 204
Grosso, C., see P. Darriulat 30B (1969) 209; 33B (1970) 249, 433
Grosso, C., see H. Foeth 30B (1969) 276, 282; 31B (1970) 544
Grosso, C., see M. Cullen 32B (1970) 523
Grosso-Pilcher, C., see M. Holder 35B (1971) 355, 361; 36B (1971) 400; 40B (1972) 141
Grosso-Pilcher, C. see V. Bisi 36B (1971) 533
Grotch, H., see R.C. Barrett 47B (1973) 297
Grote, C., see M. Deutschmann 22B (1966) 112
Grote, C., see J. Bartsch 22B (1966) 357; 25B (1967) 48; 27B (1968) 336; 28B (1968) 439; 33B (1970) 186
Grote, C., see F. Crijns 22B (1966) 533
Grote, C., see M. Aderholz 24B (1967) 434; 27B (1968) 174
Grote, H., see M. Breidenbach 39B (1972) 654
Grotowski, K., see A. Budznowski 32B (1970) 431; 44B (1973) 249
Groves, T.H., see T.F. Hoang 25B (1967) 615
Grüebler, W., V. König, P. Marmier, Production of a highly polarized negative deuterium beam 24B (1967) 280

Grüebler, W., V. König, P. Marmier, Study of the depolarization of a polarized deuterium beam by charge exchange in potassium vapour 24B (1967) 335
Grüebler, W., V. König, R.E. White, P.A. Schmelzbach, R. Risler, P. Marmier, The vector and tensor analysing powers of the D(d,p)T and D(d,n)^{3}He reactions at 10.0 and 11.5 MeV 36B (1971) 337
Gruhle, W., see J.L. Black 22B (1966) 598
Gruhn, C.R., T. Kuo, B. Gottschalk, S. Kannenberg, N.S. Wall, Detection of 160 MeV protons by a lithium-drifted germanium counter in a side-entry orientation 24B (1967) 266
Gruhn, C.R., see K.M. Thompson 24B (1967) 503
Gruhn, C.R., see C.J. Maggiore 33B (1970) 571
Gruhn, C.R., see M. Bott-Bodenhausen 40B (1972) 693
Gruhn, C.R., see F. Petrovich 46B (1973) 141
Grumann, J., see R. Fraser 35B (1971) 483
Grümm, H.R., P.L.F. Haberler, The Jost-Schroer theorem and Wilson's fixed point condition for the renormalized coupling constant 46B (1973) 114
Grümmer, F., see A. Faessler 48B (1974) 87
Grunbaum, L., N.K. Ganguly, Inelastic electron scattering from ^{18}O 23B (1966) 129
Grünbaum, L., see M. Tomaselli 29B (1969) 579
Grünbaum, L., see D. Herold 49B (1974) 246
Grunhaus, J., see Y. Eisenberg 34B (1971) 439
Grunye, M.R., Quadrupole moment of ^{6}Li ground state 30B (1969) 64
Grupp, M., see H. Ackermann 41B (1972) 143
Grushin, V.F., see Yu.M. Aleksandrov 25B (1967) 372
Grüter, J.W., S. Sistemich, P. Armbruster, J. Eidens, H. Lawin, Identification of μs-isomers among primary fission products 33B (1970) 474
Grypeos, M.E., see S. Ali 24B (1967) 543
Grypeos, M.E., Estimate of the binding energy of ^{16}O with matrix elements of effective interaction 34B (1971) 481
Grypeos, M.E., Jastrow approach to nuclear matter without truncation of the cluster expansion 45B (1973) 30
Guardiola, R., see C. Ciofi Degli Atti 36B (1971) 287
Guerra, F., L. Rosen, B. Simon, Statistical mechanics results in the $P(\phi)_2$ quantum field theory 44B (1973) 102
Gudden, F., see M. Stroetzel 22B (1966) 485
Guichard, A., see J.R. Pizzi 28B (1968) 32
Guillaud, J.P., see P. Bonamy 23B (1966) 501
Guiragossián, Z.G.T., A. Levy, Agreement of the vector dominance model in a complete transversality system with polarized and unpolarized photoproduction data 30B (1969) 48
Guiragossián, Z.G.T., see J. Ballam 30B (1969) 421; 31B (1970) 489
Guisan, O., see P. Bonamy 23B (1966) 501
Guisan, O., see P. Le Du 44B (1973) 390
Guisan, O., see W. Beusch 46B (1973) 477
Gula, A., see A. Białas 24B (1967) 428; 26B (1967) 513
Gulamov, K.G., see M.G. Antonova 39B (1972) 282, 285
Gulkarov, I.S., N.G. Afanasyev, G.A. Savitsky, V.M. Khvastunov, N.G. Shevchenko, Giant resonance electroexcitation in ^{28}Si 27B (1968) 417
Gulkarov, I.S., see V.M. Khvastunov 28B (1968) 119
Gulko, A.D., see M.I. Bulgakov 42B (1972) 351

Gulyamov, U.G., see E.V. Anzon 31B (1970) 237, 241
Guman, V.N., see I.M. Band 28B (1968) 313
Guman, V.N., L.A. Sliv, Yu.I. Kharitonov, Spin-orbit interaction in nuclei 28B (1968) 575
Gumprecht, D., see G.N. Beloserski 42B (1972) 349
Gunion, J.F., S.J. Brodsky, R. Blankenbecler, Composite theory of large angle scattering and new tests of parton concepts 39B (1972) 649
Gunion, J.F., see R. Blankenbecler 42B (1972) 461
Günther, C., E. Kankeleit, Magnetic moment of the first excited state in ^{171}Yb 22B (1966) 443
Günther, C., see J. Fechner 26B (1967) 374
Günther, C., see G. Schäfer 46B (1973) 65
Gunye, M.R., Accuracy of the projection method 27B (1968) 136
Gunye, M.R., S.B. Khadkikar, Pairing correlations in nickel isotopes 30B (1969) 609
Gunye, M.R., Static quadrupole moments and B(E2) values in sd-shell nuclei 37B (1971) 125
Gunye, M.R., Band structure in ^{22}Na 47B (1973) 219
Gupta, K.K., see N. Ullah 36B (1971) 196
Gupta, P.D., see R.A. Carrigan Jr. 27B (1968) 622
Gupta, R.K., Nuclear-softness model of ground-state bands in even-even nuclei 36B (1971) 173
Gupta, R.K., see S. Wahlborn 40B (1972) 27
Gupta, S.C., see A. Gurtu 50B (1974) 391
Gupta, V., R. Skinner, Collective coordinates for the description of nuclear rotations 31B (1970) 256
Gupta, V.K., A.N. Mitra, Coulomb energy and the mass difference of ^{3}H and ^{3}He 24B (1967) 27
Gupta, V.K., see A. Gurtu 50B (1974) 391
Gurevich, I.I., I.G. Ivanter, L.A. Makariyana, E.A. Mel'eshko, B.A. Nikol'sky, V.S. Roganov, V.I. Selivanov, V.P. Smilga, B.V. Sokolov, V.D. Shestakov, I.V. Jakovleva, Muonium in magnetic field 29B (1969) 387
Gurevich, I.I., S.Kh. Khakimov, V.P. Martemianov, A.P. Mishakova, V.V. Ogurtzov, V.G. Tarasenkov, L.M. Barkov, N.M. Tarakanov, Search for the Dirac monopole at the 70 GeV I.P.H.E. proton synchrotron 31B (1970) 394
Gurevich, I.I., S.Kh. Khakimov, V.P. Martemianov, A.P. Mishakova, L.A. Makar'ina, V.V. Ogurtzov, V.G. Tarasenkov, L.A. Chernishova, L.M. Barkov, M.S. Zolotorev, V.S. Ohapkin, N.M. Tarakanov, Search for magnetic monopoles at the 70 GeV IPHE proton synchrotron 38B (1972) 549
Gurevich, L.E., see V.P. Chechev 42B (1972) 261
Gürsey, F., P. Chang, Non-linear Lagrangian models invariant under the generalized chiral groups SL(4,C) and SL(12,C) 26B (1967) 520
Gurtu, A., see J. Babecki 40B (1972) 507
Gurtu, A., see B. Bogdan 41B (1972) 221
Gurtu, A., P.K. Malhotra, I.S. Mittra, P.M. Sood, S.C. Gupta, V.K. Gupta, G.L. Kaul, L.K. Mangotra, Y. Prakash, N.K. Rao, M.K. Sharma, Multiplicity in proton-nucleus interactions at 200 GeV/c 50B (1974) 391
Gurvits, S.A., M.S. Marinov, Inelastic screening in high-energy pion-deuteron scattering 32B (1970) 55
Gusakow, M., see C. Détraz 22B (1966) 638
Gusakow, M., see J.R. Pizzi 28B (1968) 32
Gusinsky, G.M., see D.S. Andreyev 32B (1970) 187
Gus'kov, B.N., see T. Dobrowolski 24B (1967) 203
Gus'kov, B.N., see V.K. Birulev 38B (1972) 452
Gus'kov, B.N., see Berlin ... collaboration 48B (1974) 257
Gus'kov, T.S., see K.F. Albrecht 48B (1974) 393

Gustafson, H.R., see E.F. Parker 31B (1970) 246, 250
Gustafson, C., see S.G. Nilsson 30B (1969) 437
Gustafson, C., P. Möller, S.G. Nilsson, The microscopic mechanism behind the fission barrier asymmetry 34B (1971) 349
Gustafson, C., T. Berggren, Distortion effects on the recoil momentum distributions in (p,2p) reactions 35B (1971) 546
Gustafson, C., see R. Bertini 45B (1973) 119
Guszavin, V.M., see I.A. Vetlitsky 21B (1966) 579
Gutay, L.J., see R.L. Eisner 28B (1968) 356
Gutay, L.J., see D.H. Miller 28B (1968) 51; 29B (1969) 255
Gutay, L.J., see L.L. Loos 31B (1970) 470
Gatay, L.J., J.H. Scharenguivel, R.L. McIlwain, F.T. Meiere, A possible determination of the off-mass-shell S-wave $\pi^+\pi^-$ scattering amplitude 34B (1971) 152
Gutay, L.J., see A.C. Ammann 34B (1971) 533
Gutay, L.J., D.V. Vasavada, Phase coherence of P-wave single pion production amplitudes 46B (1973) 88
Gutbrod, H.H., see W. Von Oertzen 26B (1967) 291
Guy, F., see J.J. Wesolowski 28B (1968) 544; 29B (1969) 227
Guy, F., see W. John 30B (1969) 340
Guy, J.G., see C. Mayeur 33B (1970) 441
Guy, J.G., see P. Beiilière 39B (1972) 671
Guy, J.G., see G. Wilquet 42B (1972) 372
Guy, R., see L.P. Fulcher 29B (1969) 338, 583
Guy, R., J.M. Eisenberg, Radiative pion absorption in medium and heavy nuclei 33B (1970) 137
Guy, R., see J.M. Eisenberg 43B (1973) 20; 45B (1973) 93
Guzhavin, V.M., see M.S. Dubovikov 23B (1966) 716
Guzhavin, V.M., G.K. Kliger, V.Z. Kolganov, A.V. Lebedev, G.S. Lomkatsi, Y.T. Smolyankin, A.P. Sokolov, J.A. Vetlitsky, Evidence for $\pi^+\pi^-$ resonance at 1.5–1.6 GeV in 4.7 GeV/c π^-p^- interaction 23B (1966) 719
Gyarmati, B., see J. Zimányi 27B (1968) 120; 41B (1972) 571
Gyarmati, B., J. Zimányi, Effect of shortrnage correlation in deuteron on (d,p) stripping reaction 28B (1969) 363
Gyarmati, B., R.G. Lovas, J. Zimányi, Comparison of the most often used unbound state wave functions in a square well model 35B (1971) 549
Gyarmati, B., F. Krisztinkovics, T. Vertse, On the expectation value in Gamov state 41B (1972) 110
Geyarmati, B., see P.v. Brentano 46B (1973) 177
Gyarmati, B., A.M. Lane, J. Zimányi, New source of decoupling of E1 strength from the GDR: boundary condition mixing for s- and p-wave neutron states near threshold 50B (1974) 316
Gygax, F.N., R.F. Jenefsky, H.J. Leisi, Unperturbed angular correlation from a low-density gaseous source 32B (1970) 359
Gylyanov, U.G., see M.G. Antonova 39B (1972) 282, 285

Haag, D.W., see J. Bleck 26B (1967) 134; 28B (1969) 651
Haapakoski, F., T. Honkaranta, P.O. Lipas, Projection model for ground bands of even-even nuclei 31B (1970) 493
Haapakoski, P., A nucleon-nucleon potential that includes the effect of the n(1236) 48B (1974) 307
Haatuft, A., see C. Baglin 23B (1966) 286
Haatuft, A., see F. Jacquet 25B (1967) 574
Haatuft, A., see M. Haguenauer 34B (1974) 219; 37B (1971) 538
Habanec, J., Optical model applied in the low energy region of light nuclei 30B (1969) 402
Haber, B., see R. Barloutaud 26B (1968) 674
Haber, B., see J. Goldberg 30B (1969) 434
Haber, B., see W. Hoogland 33B (1970) 631
Haber, B., see Y. Eisenberg 34B (1971) 439; 48B (1974) 354
Haberler, P.L.F., Simple relation between the bare and physical mass of fermions 34B (1971) 75
Haberler, P.L.F., Canonical dimensions for the electromagnetic field and current in quantum electrodynamics 37B (1971) 71
Haberler, P.L.F., see H.R. Grümm 46B (1973) 114
Habib, E.E., see W. Von Oertzen 34B (1971) 51
Habibi, M., see C. Baltay 42B (1972) 129
Hackenbroich, H.H., see P. Heiss 30B (1969) 373
Hackenbroich, H.H., P. Heiss, Reactions in the even parity states of ^{6}Li 32B (1970) 78
Hackenbroich, H.H., T.H. Seligman, Narrow resonances at threshold in light nuclei 41B (1972) 102
Hacker, K., H.J. Mikeska, Odd parity states of ^{16}O according to the Fermi liquid theory 26B (1967) 357
Hacking, D., see G.R. Isaak 31B (1970) 63, 572
Hadari, Z., see J. Gal 41B (1972) 53
Haddock, R.P., see S.S. Wilson 35B (1971) 83
Hadhimichael, E., A. Barroso, Contribution from meson currents to the magnetic form factor of ^{3}He and ^{3}H 47B (1973) 103
Hadijuana, J., see D. Riegel. 44B (1973) 456
Hadjimichael, E., Diffractional scattering at low and high energies 32B (1970) 154
Hadjimichael, E., S.N. Yang, G.E. Brown, A model for short tange correlation in the three-body system 39B (1972) 594
Hadjimichael, E., E. Harms, V. Newton, Quality of the three-body wave function obtained with the unitarity pole approximation 40B (1972) 61
Hadjimichael, E., Effects of mesonic currents of the photodisintegration of the deuteron at low energies 46B (1973) 147
Haensel, P., see J. Babroski 42B (1972) 163
Hafele, J.C., R. Woods, Observation of the octupole septuplet of ^{209}Bi in inelastic proton scattering 23B (1966) 579
Hafele, J.C., C.B. Fulmer, F.G. Kingston, Target-spin dependence observed in 50 MeV ^{3}He elastic scattering 31B (1970) 17, 572
Hafele, J.C., see C.B. Fulmer 32B (1970) 454
Haff, P.K., J.M. Eisenberg, Dynamic nuclear effects in pionic and kaonic atoms 33B (1970) 133
Hafner, H., see H.H. Duhm 38B (1972) 306; 48B (1974) 1
Hagebø, E., see P.G. Hansen 28B (1969) 415, 596
Hagelberg, R., see G. Backenstoss 43B (1973) 431
Hagemann, G.B., see L. Grodzins 21B (1966) 214
Hagemann, G.B., see F. Boehm 21B (1966) 217; 22B (1966) 627; 23B (1966) 491
Hagemann, G.B., A. Tveter, A determination of the gyromagnetic ratios of ^{161}Dy from branching-ratio measurements 26B (1967) 136

Hagemann, K.A., S.A. Hjorth, H. Ryde, H. Ohlsson, An anomalous rotational band in ^{161}Er 28B (1969) 661
Hagemann, K.A., S.A. Hjorth, H. Ryde, H. Ohlsson, Erratum 29B (1969) 307
Hagen, M., K.H. Maier, R. Michaelsen, The level schemes of ^{26}Si, ^{30}S, ^{34}A and ^{42}Ti studied with the (^{3}He, n) reaction 26B (1967) 432
Hagen, M., see H. Fuchs 31B (1970) 14
Hagn, E., see G. Eska 36B (1971) 328
Haguenauer, M., W. Michael, P. Mine, U. Nguyen-Khac, A. Haatuft, A. Halsteinslid, K. Myklebost, K. Nordbø, J.M. Olsen, H. Annoni, R. Arnold, A. Lloret, M. Paty, J.L. Riester, B. Escoubes, L. Ferrer, P. Ladron de Guevara, R. Llosa, S. De Unamuno, A study of 10 GeV/c K^+-nucleus coherent interactions and the Q^+-nucleon cross-section 34B (1971) 219
Haguenauer, M., P. Miné, U. Nguyen-Khac, K. Bjørnenak, A. Haatuft, J.M. Olsen, R. Arnold, B. Escoubes, A. Lloret, M. Paty, J.L. Riester, S. de Unamuno, L. Ferrer, P. Ladron de Guevara, R. Llosa, A study of the charge exchange process $K^+n \to K^0p$ at 10 GeV/c 37B (1971) 530
Haguenauer, M., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Haguenauer, M., see F.J. Hasert 46B (1973) 121, 138
Hahn, B., see K. Borer 29B (1969) 614
Hahn, R.L., see J.S. Larsen 42B (1972) 205
Hahn, Y., Orthogonality properties of the coupled equations for rearrangement collisions 30B (1969) 595
Hahn, Y., K.M. Watson, Green's functions and projection operators in the semi-classical approximation 45B (1973) 304
Haidt, D., see T. Eichten 27B (1968) 586; 40B (1972) 593; 46B (1973) 274, 281
Haidt, D., H. Schepers, J. Stein, H.J. Steiner, S. Natali, G. Piscitelli, F. Romano, E. Fett, J. Lemonne, R. Møllerud, T.I. Pedersen, S.N. Tovey, V. Brisson, L. Kluberg, P. Petiau, C.D. Esveld, J.J.M. Timmermans, R.T. Van de Walle, B. Aubert, L.M. Chounet, Dong Lê, F. Bobisut, E. Calimani, S. Ciampolillo, H. Huzita, D. Gamba, A. Marzari-Chiesa, A.E. Werbrouck (X2 Collaboration), Dalitz plot density analysis in $K^+_{\mu 3}$ decay 29B (1969) 691
Haidt, D., J. Stein, S. Natali, G. Piscitelli, F. Romano, J. Lemonne, R. Møllerud, T.I. Pedersen, S.N. Tovey, V. Brisson, L. Kluberg, P. Petiau, C.D. Esveld, R.T. Van de Walle, B. Aubert, L.M. Chounot, Dong Lê, J.P. Lowys, E. Calimani, S. Ciampolillo, F. Mattioli, F. Sconza, D. Gamba, A. Marzari-Chiesa (X2 Collaboration), A complete study of the form factors in $K^+_{\mu 3}$ decay 29B (1969) 696
Haidt, D., see F.J. Hasert 46B (1973) 121, 138
Haiduc, M., see B. Bogdan 41B (1972) 221
Haigh, J.G.B., see A. Denning 27B (1968) 159
Haissinski, J., see J.E. Augustin 28B (1969) 503, 508, 513, 517
Hokken, G.A., P.M. Endt, A $J^\pi = 6^-$ bound state of ^{36}Ar 40B (1972) 195
Halbert, E.C., see J.B. McGrory 26B (1967) 692; 37B (1971) 9
Halbert, E.C., see B.H. Wildenthal 27B (1968) 611; 32B (1970) 339
Hall, I., see B. Wakefield 31B (1970) 56
Hall, I., see M.J. Throop 41B (1972) 585
Hall, J., W. Wölfli, R. Müller, Bremsstrahlung in deuteron-proton scattering 37B (1971) 53
Hall, J., see U. Peyer 41B (1972) 151
Hall, R.L., see J.W. Humberston 27B (1968) 195
Hall, R.L., Rigorous lower bounds in the energies of the N-body problem 30B (1969) 320

Halliday, I.G., J. Huskins, C.T. Sachrajda, A field theory model for fixed angle proton-proton scattering 47B (1973) 509
Halliwell, C., see M.G. Albrow 29B (1969) 54; 33B (1970) 516
Halliwell, H., see K. Böckmann 28B (1969) 72
Halpern, I., see H. Ejiri 29B (1969) 111
Halpern, I., see D. Drake 32B (1970) 349
Halpern, I., see J. Zimányi 33B (1970) 205
Halpern, M.B., C.B. Thorn, Dual model of pions with no tachyon 35B (1971) 441
Halsteinlid, A., see C. Baglin 23B (1966) 286
Halsteinslid, A., see F. Jacquet 25B (1967) 574
Halsteinslid, A., see M. Haguenauer 34B (1971) 219
Halzen, F., see P.R. Auvil 31B (1970) 303; 32B (1970) 709
Halzen, F., A. Kumar, A.D. Martin, C. Michael, Regge poles with kinematic cuts in πN backward scattering 32B (1970) 111
Halzen, F., A. Kumar, A.D. Martin, C. Michael, Erratum 32B (1970) 111; 33B (1970) 540
Halzen, F., see G.V. Dass 36B (1971) 339; 38B (1972) 188
Halzen, F., C. Michael, Amplitude analysis of πN scattering at 6 GeV/c 36B (1971) 367
Halzen, F., see V. Barger 42B (1972) 428
Halzen, F., J. Luthe, Competing scaling laws in deep inelastic hadron collisions 48B (1974) 440
Hamamoto, I., A. Molinari, The effect of the Pauli principle on the electric quadrupole effective charge 26B (1968) 649
Hamel, J.L., see M. Banner 21B (1966) 582; 25B (1967) 300, 569; 41B (1972) 547; 44B (1973) 537
Hamilton, G.C., see W.J. Gerace 39B (1972) 481
Hamilton, G.F., A.R. Quiton, The observation of proton channeling in thin mica 22B (1966) 312
Hamilton, J.H. see S.R. Amtey 23B (1966) 581
Hamilton, J.H., see A.V. Ramayya 24B (1967) 49
Hamilton, W.D., see K.D. Baker 31B (1970) 557
Hamilton, W.D., see G. Backenstoss 32B (1970) 399
Hamilton, W.D., see A. Bamberger 33B (1970) 233
Hamilton, W.D., see H.P. Povel 33B (1970) 620
Hamilton, W.D., see M.J. Holmes 37B (1971) 170
Hammann, T.F., Configuration à 3 particules – 1 trou et forces réalistes 34B (1971) 561
Hammerstein, G.R., D. Larson, B.H. Wildenthal, Inelastic electron scattering form-factors calculated from shell-model wave functions 39B (1972) 176
Hammerstein, G.R., see McManus 43B (1973) 9
Hammerstein, G.R., H. McManus, A. Moalem, T.T.S. Kuo, The excitation of giant resonances in electron and proton scattering 49B (1974) 235
Hamprecht, B., see P.H. Frampton 28B (1969) 664
Han, M.Y., see L.C. Biedenharn 36B (1971) 475; 42B (1972) 257
Han, S.J., η-η' mixing angle 47B (1973) 169
Hanlon, J., see R.S. Panvini 38B (1972) 55
Hanlon, J., R. Panvini, T. Ludlam, R. Slansky, Evidence for strong clustering effects in high-multiplicity final states at 30 GeV 46B (1973) 415
Hanna, A.M., R.J. Griffiths, N.M. Clarke, G.T.A. Squier, A study of the reactions $^{16}O(p,2p)^{15}N$, $^{12}C(p,2p)^{11}B$ at 50 MeV 37B (1971) 361
Hanna, R.C., see P.C. Barber 32B (1970) 214
Hanna, S.S., see P. Paul 24B (1967) 51
Hanna, S.S., see H.M. Kuan 24B (1967) 556; 25B (1967) 217

Hanna, S.S., see J.L. Black 25B (1967) 405
Hanna, S.S., see M. Hasinoff 30B (1969) 337
Hanna, S.S., see P.B. Russell 32B (1970) 35
Hanna, S.S., H.F. Glavish, E.M. Diener, J.R. Calarco, C.C. Chang, R. Avida, R.N. Boyd, The giant dipole resonance in ^{16}O observed with the polarized proton reaction 40B (1972) 631
Hansen, J.D., see M. Deutschmann 22B (1966) 112
Hansen, J.D., see J. Bartsch 22B (1966) 357; 25B (1967) 48; 27B (1968) 336; 28B (1969) 439; 33B (1970) 186
Hansen, J.D., see M. Aderholz 24B (1967) 434; 27B (1968) 174
Hansen, J.D., see K. Boesebeck 34B (1971) 659
Hansen, J.D., see Aachen ... collaboration 49B (1974) 388
Hansen, K., see H. Bøggild 30B (1969) 369
Hansen, K.H., see B. Alper 44B (1973) 521
Hansen, N.J.S., see H.F. Brinckmann 43B (1973) 386
Hansen, O., see S. Hinds 21B (1966) 328
Hansen, O., see D.J. Bredin 21B (1966) 677
Hansen, O., see J.H. Bjerregaard 24B (1967) 568
Hansen, O., see E.R. Flynn 31B (1970) 135
Hansen, O., O. Nathan, 1^+ states and the 1f-2p shell model 39B (1972) 419
Hansen, O., See F. Ajzenberg-Selove 40B (1972) 205
Hansen, O., see R.F. Casten 32B (1970) 45; 40B (1972) 333; 43B (1973) 473
Hansen, O., see C. Ellegaard 40B (1972) 641
Hansen, O., see P.R. Christensen 45B (1973) 107
Hansen, O., see B.B. Back 46B (1973) 183
Hansen, O., see P.D. Bond 47B (1973) 231
Hansen, O., see J.B. Ball 49B (1974) 348
Hansen, P.G., H.L. Nielsen, K. Wilsky, J.G. Cuninghame, Fermi matrix elements in the beta decay of ^{234}Np 24B (1967) 95
Hansen, P.G., P. Hornshøj, H.L. Nielsen, K. Wilsky, H. Kugler, G. Astner, E. Hagebø, J. Hudis, A. Kjelberg, F. Münnich, P. Patzelt, M. Alpsten, G. Andersson, Aa. Appelqvist, B. Bengtsson, R.A. Naumann, O.B. Nielsen, E. Beck, R. Foucher, J.P. Husson, J. Jastrzebski, A. Johnson, J. Alstad, T. Jahnsen, A.C. Pappas, T. Tunaal, R. Henck, P. Siffert, G. Rudstam, Decay characteristics of short-lived radio-nuclides studied by on-line isotope separator techniques 28B (1969) 415, 596, 663
Hansen, P.G., see P. Hornshøj 34B (1971) 591; 43B (1973) 377
Hansroul, M., see M. Holder 35B (1971) 355, 361; 40B (1972) 141
Hansroul, M., see A. De Lesquen 40B (1972) 277
Hansroul, M., see J. Deregel 43B (1973) 338
Hansteen, J.M., H.W. Wittern, The nuclear cluster model and reduced matrix elements in ^6Li 24B (1967) 381
Hansteen, J.M., see J. Bang 24B (1967) 645
Hague, M.M., see D.M. Binie 36B (1971) 257
Haque, M.M., see W.W.M. Allison 25B (1967) 619
Hara, K., On the Josephson-current in heavy-ion reactions 35B (1971) 198
Hara, K., see K. Dietrich 35B (1971) 201
Hara, Y., see J. Arafune 37B (1971) 92
Harada, K., S. Pittel, M1 decay of the 1.7 MeV 1^+ state in ^{206}Pb 32B (1970) 542
Harar, S., see G. Bassani 22B (1966) 189
Harrar, S., see M. Conjeaud 23B (1966) 104

Harari, H., B. Horovitz, Vector dominance and forward photoproduction of charged pions by polarized photons 29B (1969) 314
Harari, H., Y. Zarmi, Helicity conservation in diffraction scattering and duality 32B (1970) 291
Harari, H., see M. Davier 35B (1971) 239
Harari, H., E. Rabinovici, A two component description for the production of hadronic multiparticle final states 43B (1973) 49
Harckham, A.E., see M.G. Albrow 29B (1969) 54
Harder, D., G. Poschet, Transmission und Reichweite schneller Elektronen im Energiebereich 4 bis 30 MeV 24B (1967) 519
Harder, D., R. Mehling, A.C. England, Measurement of the D(e, e′n)H cross section 32B (1970) 610
Hardie, G., see E.M. Bernstein 33B (1970) 465
Hardy, D.M., R.J. Spiger, S.D. Baker, Y.S. Chen, T.A. Tombrello, Polarization in ^{3}He + ^{4}He elastic scattering 31B (1970) 355
Hardy, J.C., D.J. Skyrme, I.S. Towner, Energy levels of ^{38}Ca from the reaction ^{40}Ca(p, t)^{38}Ca 23B (1966) 487
Hardy, J.C., I.S. Towner, Effects of a spin-dependent interaction potential in the DWBA analysis of two-nucleon transfer reactions 25B (1967) 98
Hardy, J.C., I.S. Towner, Determination of the signs of shell model matrix elements from two nucleon stripping data 25B (1967) 577
Hardy, J.C., see R.L. McGrath 27B (1968) 443
Hardy, J.C., see R. Mendelson 31B (1970) 126
Hardy, J.C., see J.E. Esterl 33B (1970) 287
Hardy, J.C., D.E. Alburger, Fermi β-decay: the half-lives of ^{26}Al^{m}, ^{34}Cl, ^{38}K^{m} and ^{42}Sc 42B (1972) 341
Hardy, J.C., see H. Schmeing 44B (1973) 452
Hardy, J.C., see G.C. Ball 49B (1974) 33
Hardy, J.C., see K.P. Jackson 49B (1974) 341
Hardy, K.A., see R.M. Wilenzick 30B (1969) 167
Hardy, K.A., see R.M. Wheeler 31B (1970) 206
Harigel, G., see H.G. Hilpert 23B (1966) 707
Harms, B., see K. Auerbach 22B (1966) 199
Harms, B.C., see B.G. Reynolds 24B (1967) 311
Harms, B.C., see R.P. Wieckowicz 28B (1969) 199
Harms, D., see W. Bartel 30B (1969) 285; 33B (1970) 245; 35B (1971) 181; 39B (1972) 407
Harms, E., J.S. Levinger, On the accuracy of a separable approximation 30B (1969) 449
Harms, E., see S.C. Bhatt 40B (1972) 23
Harms, E., see E. Hadjimichael 40B (1972) 61
Harms, E., Application of the method of moments to the three-body scattering 41B (1972) 26
Harney, H.L., C.A. Wiedner, J.P. Wurm, Spectroscopic factors from isobaric analog resonances in elastic proton scattering 26B (1967) 204
Harney, H.L., A condition for the production of polarization in nuclear reactions 28B (1969) 249
Harper, E.P., see E. Fischbach 38B (1972) 8
Harper, E.P., Y.E. Kim, A. Tubis, M. Rho, Meson-exchange currents and ^{3}H, ^{3}He magnetic moments 40B (1972) 533
Harper, R.P., see B. Wakefield 31B (1970) 56
Harrington, D.R., Production of aligned deuterons in high-energy elastic proton-deuteron scattering 29B (1969) 188
Harris, G.I., A.K. Hyder Jr., The 1505 keV resonance in ^{29}Si(p, γ)^{30}P and properties of ^{30}P levels 22B (1966) 159
Harris, G.I., see A.K. Hyder Jr. 24B (1967) 273

Harris, G.I., A.K. Hyder Jr., Second 0^+, $T = 1$ level in ^{30}P 25B (1967) 210
Harris, R.G., see J.B.A. England 30B (1969) 476
Harrison, M., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Harrison, W.C., see B.G. Reynolds 24B (1967) 311
Harrison, W.C., see R.P. Wieckowicz 28B (1969) 199
Hart, E., see D. Berley 30B (1969) 430
Hartill, D., see W.F. Baker 28B (1969) 291
Harting, D., see L.W. Jones 21B (1966) 590
Hartley, B.J., G.L. Kane, An interpretation of the high-energy πN scattering amplitudes and data 39B (1972) 531
Hartman, F.J., H. Daniel, Beta-(circularly polarized gamma) correlation in the decay of ^{198}Au 43B (1973) 287
Hartmann, G.C., see J. Litt 31B (1970) 40
Hartner, G., see Barcelona ... collaboration 48B (1974) 467
Hartrott, M. v., see D. Riegel 44B (1973) 456
Hartt, K., D. Kirwan, Localized oscillator expansions of nuclear two-body wave functions 30B (1969) 591
Hartung, R., see J. Engler 31B (1970) 669; 32B (1970) 716; 43B (1971) 528
Harun-ar-Rashid, A.M., see L.S. Brown 42B (1972) 111
Harutjunian, F.R., see A.A. Franghian 34B (1971) 227
Harvey, B.G., D.L. Hendrie, O.N. Jarvis, J. Mahoney, J. Valentin, Multiple nuclear excitation of rotational levels in ^{152}Sm and ^{154}Sm 24B (1967) 43
Harvey, B.G., see D.L. Hendrie 26B (1967) 127
Harvey, B.G., see C.C. Lu 27B (1968) 217
Harvey, B.G., see R.L. McGrath 34B (1971) 288
Harvey, B.G., Fission in a shell model 24B (1967) 374
Harvey, M., see A. Arima 30B (1969) 517
Harvey, M., The consistency of the SU_3 model and core polarization effective charge 40B (1972) 77
Harvey, M., F.C. Khanna, Origin of electric quadrupole enhancements in $A = 17$ nuclei 47B (1973) 8
Hasai, H., see J. Sanada 39B (1972) 509
Hasegawa, T., see K. Nisimura 30B (1969) 612
Hasenfratz, P., Some consequences of the quark parton model in inclusive electroproduction 47B (1973) 60
Hasert, F.J., H. Faissner, W. Krenz, J. Von Krogh, D. Lanske, J. Morfin, K. Schultze, H. Weerts, G.H. Bertrand-Coremans, J. Lemonne, J. Sacton, W. Van Doninck, P. Vilain, C. Baltay, D.C. Cundy, D. Haidt, M. Jaffre, P. Musset, A. Pullia, S. Natali, J.B.M. Pattison, D.H. Perkins, A. Rousset, W. Venus, H.W. Wachsmuth, V. Brisson, B. Degrange, M. Haguenauer, L. Kluberg, U. Nguyen-Khac, P. Petiau, E. Bellotti, S. Bonetti, D. Cavalli, C. Conta, E. Fiorini, M. Rollier, B. Aubert, L.M. Chounet, P. Heusse, A. Lagarrigue, A.M. Lutz, J.P. Vialle, F.W. Bullock, M.J. Esten, T. Jones, J. McKenzie, A.G. Michette, G. Myatt, J. Pinfold, W.G. Scott, Search for elastic muon-neutrino electron scattering 46B (1973) 121
Hasert, F.J., S. Kabe, W. Krenz, J. Von Krogh, D. Lanske, J. Morfin, K. Schultze, H. Weerts, G.H. Bertrand-Coremans, J. Sacton, W. Van Doninck, P. Vilain, U. Camerini, D.C. Cundy, R. Baldi, I. Danilchenko, W.F. Fry, D. Haidt, S. Natali, P. Musset, B. Osculati, R. Palmer, J.B.M. Pattison, D.H. Perkins, A. Pullia, A. Rousset, W. Venus, H. Wachsmuth, V. Brisson, B. Degrange, M. Haguenauer, L. Kluberg, U. Nguyen-Khac, P. Petiau, E. Belotti, S. Bonetti, D. Cavalli, C. Conta, E. Fiorini, M. Rollier, B. Aubert, D. Blum, L.M. Chounet, P. Heusse, A. Lagarrigue, A.M. Lutz, A. Orkin-Lecourtois, J.P. Vialle, F.W. Bullock, M.J. Esten, T.W. Jones, J. McKenzie, A.G. Michette, G. Myatt,

W.G. Scott, Observation of neutrino-like interactions without muon or electron in the Gargamelle neutrino experiment 46B (1973) 138
Hasert, F.J., see T. Eichten 46B (1973) 274, 281
Hasinoff, M., G.A. Fisher, H.M. Kuan, S.S. Hanna, Isospin splitting of E1 resonances in ^{88}Sr and ^{90}Zr 30B (1969) 337
Hasinoff, M., D. Johnson, D.F. Measday, Destructive interference in radiative proton capture reactions 39B (1972) 506
Hass, M., R. Moreh, D. Salzmann, Experimental observation of the nuclear Raman effect 36B (1971) 68
Hassan, M.Y.M., see J. Dabrowski 31B (1970) 103
Hasse, R.W., Results of calculations on a dynamic model of asymmetric fission 27B (1968) 605
Hasse, R.W., Y.R. Waghmare, Talmi integrals and effective interaction 41B (1972) 264
Hasse, R.W., W. Stocker, Temperature effects in the liquid drop description of nuclear fission 44B (1973) 26
Hategan, C., see I. Boca 22B (1966) 76
Hategan, C., see G. Graw 35B (1971) 541; 37B (1971) 41
Hategan, C., Threshold phenomena and their observation 46B (1973) 23
Hattersley, P., see J. Bailey 50B (1974) 403
Hauser, G., R. Löhken, H. Rebel, G. Schatz, W. Schweimer, J. Specht, Elastic scattering of 104 MeV alpha particles 27B (1968) 220
Hauser, G., see G.W. Schweimer 39B (1972) 627
Hauser, M.G., K.W. Chen, P.A. Crean, New evidence for the $P_{11}(1470)$ resonance in $\pi^- + p \to n + \pi^0$ below 600 MeV 35B (1971) 252
Hauser, M.G., see K.W. Chen 35B (1971) 257
Hauser, M.G., see J.T. Dakin 36B (1971) 607
Hauser, U., G. Knissel, E1 transition probabilities between corresponding states in ^{155}Tb, ^{157}Tb and their neighbouring odd proton nuclei 24B (1967) 232
Hausmann, T., see K.P. Lieb 32B (1970) 273
Häusser, O., H.J. Rose, J.S. Lopes, R.D. Gill, Comparison of signs of mixing ratios to model predictions 22B (1966) 604
Häusser, O., see D. Pelte 29B (1969) 660
Häusser, O., A.B. McDonald, T.K. Alexander, A.J. Ferguson, R.E. Warner, Nuclear polarizability of ^{7}Li from Coulomb excitation 38B (1972) 75
Häusser, O., see F.C. Khanna 45B (1973) 12
Häusser, O., A. Olin, D. Ward, W. Witthuhn, The *l*-forbidden $1i_{11/2} \to 2g_{9/2}$ M1 transition in ^{209}Pb 45B (1973) 247
Haw, H., see W.T.H. van Oers 45B (1973) 227
Hawkesworth, M.R., see G.R. Isaak 31B (1970) 63, 572
Hawkins, C.J.B., The decay $K_2^0 \to \pi^+\pi^-\pi^0$ 21B (1966) 238
Hay, W.D., see D.H. Wilkinson 21B (1966) 80
Hayakawa, S., see R.L. Hutson 27B (1968) 153
Hayakawa, S., see P. Schwandt 30B (1969) 30
Hayakawa, S.I., J.J. Kraushaar, P.D. Kunz, E. Rost, Study of the effective two-body force using the ^{54}Fe(^{3}He, t) charge exchange reaction 29B (1969) 327
Hayakawa, S.I., see W.L. Fadner 40B (1972) 49
Hayashi, K., Parity and time reversal in the gravitational interaction, and the possible existence of a massless scalar particle 43B (1973) 497
Hayashi, K., The A_1 and ρ mesons from the violation of local Lorentz invariance 44B (1973) 497
Hyadu, K., see Alma ... collaboration 48B (1974) 277
Hayman, P.J., see P.S.L. Booth 38B (1972) 339

Hayot, F., H.T. Nieh, High-energy behavior of electron-positron annihilation cross-section 29B (1969) 689
Hayot, F., see J.L. Basdevant 36B (1971) 375
Hayot, F., H. Navelet, On the determination of high energy $\bar{K}N$ scattering amplitudes 37B (1971) 424
Hayot, F., C. Itzykson, Parametrization of the Coulomb interference 39B (1972) 521
Healey, D.C., see K.W. Allen 22B (1966) 193
Heanni, D.R., see Y. Gono 49B (1974) 338
Heard, K.S., see K.H. Althoff 37B (1971) 531, 535; 43B (1973) 237
Heaton, H.T., see R.B. Schwartz 30B (1969) 36
Hebach, H., P. Henneberg, H. Kümmel, Three-body model for ^{6}He 24B (1967) 134
Hebach, H., see M. Fink 39B (1972) 147; 49B (1974) 20
Hebach, H., see M. Gari 49B (1974) 29
Hébert, C.J.D., see Barcelona ... collaboration 48B (1974) 467
Hébert, J., see Barcelona ... collaboration 48B (1974) 467
Hecht, K.T., P.J. Ellis, T. Engeland, A space scalar approximation to the particle-hole interaction in the 2s-1d shell 27B (1968) 479
Heckman, P., R. Henzi, Overlap function analysis of p-p elastic scattering data at ISR energies 41B (1972) 189
Hedegaard-Jensen, N., H. Nielsen, G.C. Oades, The long range forces in KN and $\bar{K}N$ scattering 46B (1973) 385
Heer, E., see W.E. Cleland 26B (1967) 45
Heffner, R., C. Ling, N. Cue, P. Richard, Charge exchange effects in the (d, p) reaction leading to states in ^{93,95}Zr, ^{93,95}Mo and ^{141}Ce 26B (1967) 150
Heffner, R., see H. Ejiri 29B (1969) 111
Heffner, R., see S.M. Ferguson 35B (1971) 214
Hefter, E.F., see L.J.B. Goldfarb 38B (1972) 379
Heggie, J.C.P., P.W. Martin, Symmetry studies of the sequential reaction ^{7}Li(d, αn)^{4}He 43B (1973) 289
Heide, P., see G. Buschhorn 25B (1967) 622; 33B (1970) 241; 37B (1971) 207, 211
Heide, P., see Chr. Geweniger 28B (1969) 155; 29B (1969) 41
Heide, P., see H. Burfeindt 33B (1970) 509; 43B (1973) 345
Heide, P., see G. Vogel 40B (1972) 513
Heikkinen, D.W., see J.L. Black 22B (1966) 598
Heikkinen, D.W., see H.M. Kuan 25B (1967) 217
Heikkinen, D.W., see W. Feldman 25B (1967) 593
Heimann, R.L., see M.B. Green 30B (1969) 642
Heimann, R.L., Experimental consequences of massless quarks 48B (1974) 453
Heinecke, P., A. Steudel, H. Walther, The isotope shift of ^{151}Eu, ^{152}Eu, ^{153}Eu and ^{154}Eu. The signs of the nuclear dipole moment of ^{152}Eu and the nuclear quadrupole moments of ^{152}Eu and ^{154}Eu 31B (1970) 295
Heinecke, W., see H.H. Duhm 38B (1972) 306
Heinen, P., see T.H.J. Bellm 33B (1970) 438
Heinloth, K., see C. Driver 35B (1971) 77, 81
Heintze, J., see K.H. Althoff 37B (1971) 531, 535; 43B (1973) 237
Heinz, R.M., see C. Lovalace 22B (1966) 332
Heinzelmann, G., see M.A. Faessler 46B (1973) 468
Heisenberg, J., see J.R. Ficenec 32B (1970) 460
Heisenberg, J., see W. Bertozzi 41B (1972) 408
Heisenberg, J.H., I. Sick, Transition density of the octupole vibration in ^{208}Pb determined by electron scattering 32B (1970) 249
Heiss, P., H.H. Hackenbroich, A calculation for the ^{5}Li $\frac{3}{2}^{+}$ resonant state 30B (1969) 373

Heiss, P., see H.H. Hackenbroich 32B (1970) 78
Heitjans, P., see H. Ackermann 41B (1972) 143
Hekimian, G.A., see A.A. Franghian 34B (1971) 227
Helder, J.C., J.J. De Swart, The hyperon-nucleon interaction and the $F/(F+D)$ ratio 21B (1966) 109
Helland, J.A., see S.S. Wilson 35B (1971) 83
Helling, G., W. Scheid, W. Greiner, Angular momentum dependence of the optical potential in heavy-ion scattering 36B (1971) 64
Hellwig, B., see H.J. Mück 39B (1972) 303
Hellwig, B., see V. Blobel 48B (1974) 73
Hemmi, Y., T. Inagaki, R. Kikuchi, A. Maki, K. Miyake, T. Nakamura, A. Sasaki, N. Tamura, S. Yasumi, H. Okuno, Photoproduction of neutral pions from neutrons between 500 and 900 MeV 32B (1970) 137
Hemmi, Y., T. Inagaki, Y. Inagaki, A. Maki, K. Miyake, T. Nakamura, N. Tamura, J. Tsukamoto, N. Yamashita, H. Itoh, S. Kobayshi, S. Yasumi, H. Yoshida, Neutral pion photoproduction from protons at forward angles in the energy region between 350 MeV and 1175 MeV 43B (1973) 79
Henck, R., see P.G. Hansen 28B (1969) 415, 596, 663
Hendekovič, J., see M. Gmitro 26B (1967) 252
Henderson, C., see K.D. Billing 25B (1967) 435
Henderson, C., see F.W. Bullock 27B (1968) 402
Hendricks, T., see J. Field 24B (1967) 638
Hendrie, D., see R. Bertini 45B (1973) 119
Hendrie, D.L., see B.G. Harvey 24B (1967) 43
Hendrie, D.L., N.K. Glendenning, B.G. Harvey, O.N. Jarvis, H.H. Duhm, J. Saudinos, J. Mahoney, Determination of Y_{40} and Y_{60} components in the shapes of rare earth nuclei 26B (1967) 127
Hendrie, D.L., see N.K. Glendenning 26B (1967) 131
Hendrie, D.L., see C. Glashausser 31B (1970) 289; 34B (1971) 199
Hendrie, D.L., see R.L. McGrath 34B (1971) 288
Hendry, J.E., see I.M. Bardour 38B (1972) 151
Henley, E.M., T.G. Kelley, A general comment concerning the J dependence of direct reaction cross sections 22B (1966) 495
Henley, E.M., Nuclear parity violation tests of non-leptonic weak currents 28B (1969) 1
Henley, E.M., F.C. Richards, Nuclear bremsstrahlung as a test of the optical model 30B (1969) 585
Henley, E.M., see L. Wolfenstein 36B (1971) 28
Henneberg, P., see H. Hebach 24B (1967) 134
Hennell, M.A., see J.W. Humberston 31B (1970) 423
Hennell, M.A., L.M. Delves, ^{3}H and ^{3}He form factors with the HJ potential 34B (1971) 195
Hennell, M.A., L.M. Delves, The three-nucleon system with the Reid and Gammel–Brueckner potentials 40B (1972) 20
Henning, W., P. Kienle, E. Steichele, F. Wagner, Magnetic properties of the $K = \frac{1}{2}$ rotational band of ^{171}Yb 22B (1966) 446
Henning, W., G. Baehre, P. Kienle, Observation of the interference of photo effect and nuclear resonance absorption for Mössbauer E1 gamma rays 31B (1970) 203
Henning, W., see K.-E. Rehm 46B (1973) 353
Henning, W., see J.R. Erskine 47B (1973) 335
Henri, V.P., see S. Focardi 24B (1967) 314
Henri, V.P., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468

Henri, V.P., see M. Jobes 26B (1967) 49
Henri, V.P., see Y. Goldschmidt-Clermont 27B (1968) 602
Henri, V.P., see P.V. Chliapnikov 39B (1972) 279
Henri, V.P., see J.N. Carney 42B (1972) 124
Hensler, R., see J.W. Tape 40B (1972) 635
Hensley, D.C., P.H. Nettles, C.A. Barnes, $T = 2$ states in ^{16}N 26B (1967) 435
Hensley, D.C., $T = \frac{3}{2}$ states in ^{21}Ne 27B (1968) 644
Henyey, F., W.J. Zakrzewski, A Pomeron model which needs no decoupling 42B (1972) 431
Henyey, F.S., Impact parameter description of multiparticle and elastic scattering 45B (1973) 363
Henyey, F.S., Elastic scattering from the multiperipheral model 45B (1973) 469
Henzi, R., see P. Heckman 41B (1972) 189
Henzi, R., P. Valin, The inelastic differential cross section in impact parameter space at ISR energies 48B (1974) 119
Hepp, V., see H.G. Dosch 21B (1966) 236
Hepp, V., see R. Engelmann 21B (1966) 587
Hepp, V., see R. Armenteros 24B (1967) 198
Hepp, V., see F. Eisele 37B (1971) 204
Hepp, V., see M. Baggett 42B (1972) 379
Herczeg, P., see R.J. Blin-Stoyle 23B (1966) 376
Hering, W., see K.A. Snover 37B (1971) 29
Hering, W.R., M. Dost, U. Lynen, Experimental test of the triton form factor by Coulomb-pickup on ^{208}Pb 21B (1966) 695
Hering, W.R., see M. Dost 26B (1967) 443
Hering, W.R., A.D. Achterath, M. Dost, Mixing of core excitations into the single-neutron states of ^{207}Pb 26B (1967) 568
Hering, W.R., see J. Solf 28B (1969) 413
Hermanns, M., see J. Bartsch 28B (1969) 439
Hermans, J.A.J., G.A.P. Engelbertink, D. Bucurescu, M.A. Van Driel, H.H. Eggenhuisen, Precision lifetime measurement with the coincident high-velocity DSA method 50B (1974) 337
Hernandez, E.S., A. Plastino, On the consistency of the quasi particle random phase approximation 39B (1972) 163
Herndon, R.C., see Y.C. Tang 25B (1967) 307
Herndon, D.J., see A.D. Brody 34B (1971) 665
Herold, D., M. Tomaselli, L. Grünbaum, Microscopic description of muonic bismuth 49B (1974) 246
Herquet, P., see P.V. Chliapnikov 39B (1972) 279
Herquet, P., see J.N. Carney 42B (1972) 124
Herr, H., see P. Feller 49B (1974) 197
Herrlander, C.J., see A. Kerek 31B (1970) 10
Herrlander, C.J., see I. Bergström 32B (1970) 476
Herrmann, G., see N. Kaffrell 34B (1971) 46
Herschell, M., see S. Büttgenbach 43B (1973) 479
Hershkowitz, N., C.G. Jacobs Jr., K.A. Murphy, Observation of the Mössbauer effect in ^{232}Th following Coulomb excitation 27B (1968) 563
Herskind, B., see P.D. Barnes 23B (1966) 266
Herskind, B., see B. Skaali 40B (1972) 446
Herz, A.J., see J. Babecki 40B (1972) 507
Herz, A.J., see B. Bogdan 41B (1972) 221
Herzog, P., see B. Klemme 45B (1973) 38

Hess, A.T., J.M. Eisenberg, Effects of spin and isospin degrees of freedom for pion-nucleus scattering in the Glauber theory 47B (1973) 311
Hess, J., see U. Atzmony 26B (1967) 613
Hesse, K., see R. Baader 27B (1968) 425
Heuer, W., see C. Alff-Steinberger 21B (1966) 595
Heughebaert, J., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
Heughebaert, J., see M. Jobes 26B (1967) 49
Heughebaert, J., see Y. Goldschmidt-Clermont 27B (1968) 602
Heunemann, D., see H.J. Specht 41B (1972) 43
Heusinger, R., W. Kreische, W. Lampert, K. Reuter, K.H. Roth, K. Thomas, Rotation of the plane of polarization of γ-radiation by hyperfine interaction 49B (1974) 269
Heusse, P., see R. Arnold 28B (1969) 56
Heusse, P., see I.A. Budagov 28B (1969) 215
Heusse, P., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Heusse, P., see F.J. Hasert 46B (1973) 121, 138
Hewitt, R.G.L., see S.T. Butler 26B (1967) 264, 267
Hey, A.J.G., J. Weyers, Constituent quarks, current quarks and pionic decays of resonances 44B (1973) 263
Hey, A.J.G., J. Weyers, Quarks and helicity structure of photoproduction amplitudes 48B (1974) 69
Heyde, K., see G. Vanden Berghe 32B (1970) 173
Heyde, K., M. Dorikens, J. Demuynck, D. De Frenne, J. Uyttenhove, L. Dorikens-Vanpraet, Half-life of the first excited state in ^{143}Pm 26B (1967) 571
Heyde, K., M. Waroquier, A set of single-particle self-energies for the $N = 82$ nuclei 29B (1969) 147, 583
Heyde, K., M. Waroquier, G. Vanden Berghe, On the nature of the isomeric state in the doubly-even $N = 82$ nuclei 35B (1971) 211
Heyde, K., see G. Vanden Berghe 38B (1972) 467
Heyde, K., M. Waroquier, G. Vanden Berghe, P.J. Brussaard, Generalized neutron particle-hole states in an extended unified-model description 43B (1973) 1
Heydenburg, N.P., see G.E. Assousa 26B (1967) 503
Heymann, F., see B. Alper 44B (1973) 521; 46B (1973) 265; 47B (1973) 75, 275
Heymann, F.F., see P.C. Barber 32B (1970) 214
Heymann, G., Core excitation in the reaction ^{65}Cu(t, α)^{64}Ni 27B (1968) 280
Heymann, G., see A.A. Cowley 30B (1969) 618
Heymann, G., see B.W. Allardyce 41B (1972) 577
Heynen, V., see H. Meyer 33B (1970) 189
Hynen, V., H. Meyer, B. Naroska, D. Notz, Total photoproduction cross section of hadrons on nuclei 34B (1971) 651
Hibou, F., see R. Bertini 45B (1973) 119
Hickey, G.T., F.W.K. Firk, R.J. Holt, R. Nath, H.L. Schultz, Polarization of neutrons elastically scattered from ^{16}O 47B (1973) 348
Hicks, H. see P.M. Joseph 26B (1967) 41
Hicks, J.A., see R.M. WIllenzick 30B (1969) 167
Hicks, N., A. Eisner, G. Feldman, L. Litt, W. Lockeretz, F.M. Pipkin, J.K. Randolph, K.C. Stanfield, Photoproduction search for dipion resonances in the mass range from 1360 to 1780 MeV 29B (1969) 602
Hiddleston, H.R., P.J. Riley, 2_1^+ mixing at isobaric analog resonances in $N \approx 82$ nuclei 32B (1970) 425
Hiebert, J.C., see B.M. Preedom 22B (1966) 657
Hien, N.C., see E.W. Anderson 29B (1969) 136

Hien, N.C., see D. Birnbaum 31B (1970) 36, 484
High, M.D., J.F. Bedi, D.W. Devins, P. Shapiro, P.A. Deutchman, The $^{19}F(p,2p)^{18}O$ reaction 41B (1972) 588
Hildebrand, R.H., see S.E. Derenzo 28B (1969) 401
Hildebrand, R.H., see G.D. Cable 40B (1972) 699
Hildenbrand, K.D., R. Bock, H.G. Bohlen, P. Braun-Munzinger, D. Fick, C.K. Gelbke, W. Von Oertzen, W. Weiss, Elastic neutron transfer in the scattering of ^{28}Si on ^{29}Si 42B (1972) 425
Hildenbrand, K.D., see C.K. Gelbke 43B (1973) 284
Hilf, E., G. Süssmann, Surface tension of nuclei according to the Fermi-gas model 21B (1966) 654
Hilf, E., see S. Knaak 23B (1966) 711
Hilger, E., see P. Feller 49B (1974) 197
Hilko, R.A., see G.L. Morgan 32B (1970) 353
Hill, D., see B.A. Barnett 34B (1971) 655
Hill, L.L., H. Uberall, Inelastic electron scattering in ^{32}S 24B (1967) 364
Hill, L.L., Particle-hole calculations for ^{40}Ca 25B (1967) 169
Hilpert, H.G., G. Reimann, E. Schüttler, H. Böttcher, K. Lanius, A. Meyer, A. Pose, K. Böckmann, W. Johnssen, J. Moebes, W. Tejessy, G. Harigel, G. Horlitz, E. Lohrmann, H. Meyer, G. Wolf, D. Lüke, D. Mönkemeyer, P. Söding, H. Spitzer, H. Beisel, H. Filthuth, H. Kolar, P. Steffen, W.P. Swanson, H.W. Teucher, P. Freund, N. Schmitz, P. Seyboth, J. Seyerlein, The reaction $\gamma p \to N^{*++}\pi^-$ at energies up to 5.8 GeV 23B (1966) 707
Hilpert, H.G., see R. Erbe 27B (1968) 54
Hilpert, H.G., H. Schnackers, H. Weber, A. Meyer, A. Pose, J. Schreiber, K. Böckmann, E. Paul, E. Propach, H. Butenschön, H. Meyer, S. Rieker, H. Baisch, B. Naroska, O. Braun, P. Steffen, J. Stiewe, H. Wenninger, H. Finger, P. Schlamp, P. Seyboth, Total cross section for photoproduction of hadrons on protons up to 5 GeV 27B (1968) 474
Hilpert, H.G., see H.W. Atherton 43B (1973) 249
Hilscher, D., see W. Bohne 47B (1973) 342
Hilscher, D., see H. Fuchs 47B (1974) 447
Hilton, R.R., A note on shape and stability calculations in heavy and superheavy nuclei 44B (1973) 421
Hinds, S., J.H. Bjerregaard, O. Hansen, O. Nathan, 0^+ spectra of ^{48}Ca and ^{50}Ca 21B (1966) 328
Hinds, S., H. Marchant, R. Middleton, The $^{51}V(t,p)^{53}V$ reaction 24B (1967) 34
Hinds, S., H. Marchant, R. Middleton, The strongest transitions from the (t, p) reactions on Cd and Sb 24B (1967) 89
Hinds, S., see J.H. Bjerregaard 24B (1967) 568
Hinds, S., see R.K. Jolly 28B (1969) 546
Hinds, S., see D.J. Crozier 46B (1973) 189
Hingerty, B.E., see P.T. Debevec 34B (1971) 497
Hinkins, R., see J. Sperinde 32B (1970) 185
Hinrichs, R.A., see W.R. Wharton 30B (1969) 33
Hinterberger, F., see B. Duelli 23B (1966) 485
Hintz, N.M., see J.R. Maxwell 22B (1966) 454
Hintz, N.M., see M. Oothoudt 32B (1970) 270
Hiramatsu, H., T. Kamae, H. Muramatsu, K. Nakamura, N. Izutsu, Y. Watase, Quasi-free electron scattering on light nuclei 44B (1973) 50
Hirata, M., Hindrance of the M1 transition from the analogue state to the antianalogue state and charge exchange spin-flip collective mode 32B (1970) 656
Hirata, M., see J.I. Fujita 33B (1970) 550
Hirata, M., see J.I. Fujita 37B (1971) 237

Hirch, E., see R. Barloutaud 26B (1968) 674
Hird, B., see R.M. Craig 21B (1966) 177
Hirsch, E., see G. Giacomalli 31B (1970) 321
Hirsch, E., U. Karshon, H.J. Lipkin, Y. Eisenberg, A. Shapira, G. Yekutieli, J. Goldberg, Experimental evidence for a violation of a quark model prediction at the baryon vertex 36B (1971) 139
Hirsch, E., U. Karshon, H.J. Lipkin, Broken SU(6) predictions for baryon production with polarized vector mesons 36B (1971) 385
Hirshfeld, A.C., High energy amplitude from FESR for "real" processes 39B (1972) 233
Hiruta, K., see T. Nomura 40B (1972) 543
Hiruta, K., T. Nomura, T. Inamura, M. Odera, Alpha-particle decay of ^{218}Th, a new isotope 45B (1973) 244
Hisatake, K., see K. Komaki 38B (1972) 218
Hisatake, K., see M. Fujioka 40B (1972) 99
Hitlin, D., see T.W. Donnelly 49B (1974) 8
Hively, L., see G. Denardo 50B (1974) 270
Hjorth, S.A., see K.A. Hagemann 28B (1969) 661; 29B (1969) 307
Hjorth, S.A., H. Ryde, Non-adiabatic corrections to the decoupling parameter for the $\frac{1}{2}^-$ [541] rotational band 31B (1970) 201
Hjorth, S.A., J. Oppelstrup, G. Ehrling, On the nuclear equilibrium deformation and the moment of inertia of the $11/2^-$ [505] band 34B (1971) 255
Hladký, J., see M.N. Khachaturyan 24B (1967) 349
Hladký, J., see R.G. Astvacaturov 27B (1968) 45
Hladký, J., A.M. Baldin, M.N. Khachaturyan, M.S. Khvastunov, L.N. Shtarkov, The $\pi^- p \to \eta^n$ cross sections in a small transfer range at 4 GeV/c 31B (1970) 475
Hladky, J., see Berlin ... collaboration 48B (1974) 257
Hladky, J., see K.F. Albrecht 48B (1974) 393
Hnizdo, V., J. Lowe, Collective-model analysis of inelastic proton scattering using potentials derived from nuclear matter distributions 35B (1971) 35
Ho, T.H., A.B. Volkov, 1p shell hypernuclei deformation and Majorana exchange binding energy effects 30B (1969) 303
Ho, T.H., A.B. Volkov, The effect of density dependent N-N forces on 1p shell hypernuclei binding energies 31B (1970) 259
Hoa, D.N., see J. Lynch 35B (1971) 457
Hoang, T.F., Y.S. Kim, S. Margulies, T.H. Groves, Forward and backward $\pi^- + p \to K^o + \Lambda^o/\Sigma^o$ at 4 GeV/c 25B (1967) 615
Hoch, P., see P.M. Dauber 29B (1969) 609
Hoch, P.L., see J.S. Danburg 30B (1969) 270
Hodgkinson, D.P., Unitarity bounds for spin 0-spin $\frac{1}{2}$ scattering 39B (1972) 640
Hodgson, P.E., see D.J. Millener 35B (1971) 495
Hodous, M.F., see D.B. Bastien 50B (1974) 290
Hoedl, J., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Hofer, H., see K. Borer 29B (1969) 614; 30B (1969) 572
Hofmann, A., W. Emmerich, H. Dinter, G. Philipp, Abhängigkeit des Wirkungsquerschnitts für ^{27}Al(d, α)^{25}Mg von den Rotationszuständen des ^{25}Mg 26B (1967) 378
Hofmann, A., see M. Berg 42B (1972) 211
Hofmann, A., see H. Wagner 47B (1973) 497
Hofmann, G., see C. Driver 35B (1971) 77, 81

Hoffmann, G.W., see T.J. Woods 34B (1971) 594
Hoffmann, G.W., see W.R. Coker 40B (1972) 81
Hoffmann, G.W., W.H. Dunlop, G.J. Igo, J.G. Kulleck, C.A. Whitten Jr., W.R. Coker, Energy dependence of the (p, nπ) reaction 40B (1972) 453
Hoffmann, G.W., W.R. Coker, S.A.A. Zaidi, D.O. Elliott Jr., A consistent coupled channel born approximation analysis of ^{88}Sr(d, nπ)^{88}Sr and ^{88}Sr(d, p)^{89}Sr 41B (1972) 47
Hoffmann, G.W., W.R. Coker, Complex microscopic effective interaction for (p, n) reactions 47B (1973) 285
Hoffmann, G.W., T. Udagawa, W.R. Coker, J. McIntyre, M. Mahlab, The coupled-channel Born approximation and *j*-dependence in ^{30}Si(d, p)^{31}Si 50B (1974) 249
Hofmann, H., Are there super barrier transmission resonances in the fission process? 42B (1972) 177
Hofmann, H.M., see D. Fick 27B (1968) 366
Hofmann, H.M., see M. Dillig 44B (1973) 484
Hofmann, H.M., S.Y. Lee, J. Richert, H.A. Weidenmüller, T.H. Schucan, A nonperturbative scheme for the calculation of the effective interaction in nuclei 45B (1973) 421
Hofmann, H.M., see J.W. Tepel 49B (1974) 1
Hofmann-Reinecke, H., U. Zahn, H. Daniel, Experimental determination of the electron density at the nucleus as a function of the chemical state of ruthenium 47B (1973) 494
Hoffman-Pinther, P., see P.P. Singh 23B (1966) 255
Hofmokl, T., see M. Bardadin-Otwinsowska 21B (1966) 357
Hofmokl, T., see S. Brandt 22B (1966) 109, 230
Hofmokl, T., M. Szeptycka, An application of the Satz sum rules to the high multiplicity processes 26B (1967) 546
Hofmokl, T., A. Wróblewski, Energy dependence of cross sections of inelastic collisions of hadrons 31B (1970) 391
Högaasen, H., Å. Frisk, The $\rho + R$ model and pn charge exchange scattering 22B (1966) 90
Högaasen, H., W. Fischer, The ρ' trajectory and its contribution to NN and πN charge exchange scattering 22B (1966) 516
Högaasen, H., see J.T. Donohue 25B (1967) 554
Högaasen, H., H.J. Lubatti, Projections on exchanged systems with well defined quantum numbers, and an application to ω production 26B (1967) 166
Högberg, S., see S.E. Karlsson 24B (1967) 148
Hogg, W.R., see H.C. Kirkman 32B (1970) 519
Hogg, W.R., see T.A. Armstrong 34B (1971) 535
Höhler, G., J. Baacke, R. Strauss, High energy behaviour of the πN forward charge-exchange scattering amplitude 21B (1966) 223
Höhler, G., J. Baacke, G. Eisenbeiss, The parameters of the Regge pole model for πN charge-exchange scattering 22B (1966) 203
Höhler, G., R. Strauss, A new evaluation of the Adler-Weisberger sum rule 24B (1967) 409
Höhler, G., H.P. Jakob, R. Strauss, The magnitude of the σ-commutator term in current algebra 35B (1971) 445
Höhler, G., W. Schmidt, On the saturation of some πN isospin bounds 38B (1972) 237
Höhler, G., P. Kroll, Are there reasons to doubt the optical theorem? 49B (1974) 280
Hohloch, E., K. Wildermuth, Isobaric spin mixing in the ^{8}Be 16.62 and 16.92 MeV states 24B (1967) 121
Höhn, J., see R. Reif 26B (1967) 484
Höhn, J., see H.W. Barz 37B (1971) 4
Höhne, K., see C. Driver 35B (1971) 77, 81
Höistad, B., see S. Dahlgren 35B (1971) 219; 47B (1973) 439

Hojvat, C., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Ho-Kim, Q., K. Ramavataram, Polarization transfer in the ^{7}Li(p, n)^{7}Be reaction 31B (1970) 5
Holden, J.P., see G. Eilam 46B (1973) 443
Holder, M., see H. Foeth 30B (1969) 276, 282; 31B (1970) 544
Holder, M., see M. Cullen 32B (1970) 523
Holder, M., see P. Darriulat 33B (1970) 249, 433
Holder, M., E. Radermacher, A. Staude, G. Barbiellini, P. Darriulat, M. Hansroul, S. Orito, P. Palazzi, A. Santroni, P. Strolin, K. Tittel, J. Pilcher, C. Rubbia, G. De Zorzi, M. Macri, G. Sette, C. Grosso-Pilcher, A. Fainberg, G. Maderni, Observation of small angle proton-proton elastic scattering at 30 GeV and 45 GeV center of mass energies 35B (1971) 355
Holder, M., E. Radermacher, A. Staude, G. Barbiellini, P. Darriulat, M. Hansroul, S. Orito, P. Palazzi, A. Santroni, P. Strolin, K. Tittel, J. Pilcher, C. Rubbia, G. De Zorzi, M. Macri, G. Sette, C. Grosso-Pilcher, A. Fainberg, G. Maderni, Determination of the proton-proton elastic cross section at 30 GeV center of mass energy 35B (1971) 361
Holder, M., E. Radermacher, A. Staude, G. Barbiellini, P. Darriulat, P. Palazzi, A. Santroni, P. Strolin, K. Tittel, J. Pilcher, C. Rubbia, M. Bozzo, G. de Zorzi, M. Macri, S. Orito, G. Sette, A. Fainberg, C. Grosso-Pilcher, G. Maderni, Further results on small-angle elastic proton-proton scattering at very high energies 36B (1971) 400
Holder, M., see G. Barbiellini 39B (1972) 294, 663; 43B (1973) 529
Holder, M., E. Radermacher, A. Saude, P. Darriulat, J. Deutsch, M. Hansroul, S. Orito, J. Pilcher, C. Rubbia, P. Strolin, K. Tittel, A. Fainberg, C. Grosso-Pilcher, M. Scire, On the decay $K_L \to \pi^0\pi^0$ 40B (1972) 141
Holinde, K., see K. Erkelenz 49B (1974) 209
Holland, R.E., see F.J. Lynch 32B (1970) 38
Hollander, J.M., see J.M. Jaklevic 29B (1969) 179
Holley, W.R., see A.R. Clark 41B (1972) 229
Holloway, L.E., see R.M. Brown 42B (1972) 117
Holm, G.B., see A. Kerek 44B (1973) 252
Holm, H., W. Scheid, W. Greiner, Time-dependence of Coulomb distortions in heavy-ion reactions 29B (1969) 473
Holman, A.B., see J.C. Young 37B (1971) 377
Holmes, J.R., see D.M. Binnie 36B (1971) 537; 39B (1972) 275
Holmes, M.J., W.D. Hamilton, R.A. Fox, An angular correlation test of time reversal invariance 37B (1971) 170
Holmes, R., see S.L. Stone 32B (1970) 515
Holmgren, H.D., see Y. Le Bornec 49B (1974) 434
Holmgren, S.O., see P.S. Gregory 43B (1973) 228
Holmqvist, B., T. Wiedling, Evidence for a symmetry term in the optical potential for neutrons 26B (1967) 620
Holmqvist, B., T. Wiedling, Nuclear mass distribution radii from elastic neutron scattering 27B (1968) 411
Holt, J.R., see P.S.L. Booth 38B (1972) 339
Holt, J.R., see J.S. Barton 42B (1972) 297
Holt, R.J., see G.T. Hickey 47B (1973) 348
Holub, R., A.F. Zeller, G.R. Choppin, R.J. De Meijer, H.S. Plendl, Reactions of ^{14}N and ^{16}O ions with light nuclei at E_{lab} = 16–58 MeV 43B (1973) 375
Holynski, R., see E.V. Anzon 31B (1970) 237, 241
Holyński. R., see M.G. Antonova 39B (1972) 282, 285
Holyński, R., see J. Babecki 40B (1972) 507; 47B (1973) 268

Homeyer, H., see H. Fuchs 37B (1971) 285
Homeyer, H., see H.H. Duhm 38B (1972) 306
Homma, S., see J. Foss 25B (1967) 166
Honecker, R., see K. Boesebeck 34B (1971) 659
Honerkamp, J., see G. Ecker 42B (1972) 253
Hong-Mo, Chan, A generalised Veneziano model for the *N*-point function 28B (1969) 425
Hong-Mo, Chan, Tsou Sheung Tsun, Explicit construction of the *N*-point function in the generalized Veneziano model 28B (1969) 485
Hong-Mo, C., J.E. Paton, Multiparticle shadow effects on elastic scattering in the dual model 46B (1973) 228
Hong Tuan, R., see L. Gonzalez Mestres 45B (1973) 282
Honkaranta, T., see F. Haapakoski 31B (1970) 493
Honsaker, J.L., see B.T. Lawergren 30B (1969) 470
Hontebeyrie, M., C. Meyers, J. Procureur, Ph. Salin, Is *s*-channel helicity really conserved in ρ^0 photoproduction? 36B (1971) 98
Honzátko, J., J. Kajfosz, Interference of the two capturing states in (n, γ) polarization experiments 38B (1972) 499
Hoogland, W., see R. Barloutaud 26B (1968) 674
Hoogland, W., see J. Goldberg 30B (1969) 434
Hoogland, W., see G. Giacomelli 33B (1970) 373
Hoogland, W., J.C. Kluyver, T. De Vries, R. Barloutaud, J.C. Scheuer, A. Minguzzi-Ranzi, P. Serra-Lugaresi, B. Haber, Y. Eisenberg, M. Laloum, A. Rougé, Evidence for B(1220) production is an analysis of the reaction $K^- d \to p_s \Lambda \pi^+ \pi^- \pi^- \pi^0$ at 3 GeV/*c* 33B (1970) 631
Hooshyar, M.A., F.B. Malik, Total spontaneous and isomer fission half-lives of ^{234}U, ^{236}U and ^{240}Pu 38B (1972) 495
Hooton, B.W., see D. Pelte 29B (1969) 660
Hopkins, F.F., see P. Richard 29B (1969) 649
Hopkins, H.W.K., see I. Budagov 29B (1969) 524; 30B (1969) 364
Hopkins, H.W.K., see K.J. Peach 35B (1969) 351; 43B (1973) 441
Hopkins, J.C., see R.K. Walter 30B (1969) 626
Hopkinson, J.F.L., E. Plahte, Infinite series representation of the *N*-point function in the generalized Veneziano model 28B (1969) 489
Hopkinson, J.F.L., R.W. Tucker, Dual models with para-field excitations 47B (1973) 519
Hori, S., see Y. Akiyama 35B (1971) 314
Horie, H., see K. Arita 30B (1969) 14
Horiguchi, T., see T. Yamaya 39B (1972) 182
Horiike, M., see K. Okamoto 44B (1973) 29
Horikawa, N., see K. Nisimura 30B (1969) 612
Horikawa, N., see S. Arai 40B (1972) 426
Horikawa, Y., Y. Torizuka, A. Nakada, S. Mitsunobu, Y. Kojima, M. Kimura, The deformations in ^{20}Ne, ^{24}Mg and ^{28}Si from electron scattering 36B (1971) 9
Horikawa, Y., T. Fujita, K. Yazaki, Meson exchange effects on the deuteron magnetic moment 42B (1972) 173
Horiuchi, H., see A. Arima 24B (1967) 129
Horlitz, G., see H.G. Hilpert 23B (1966) 707
Horlitz, G., see R. Erbe 27B (1968) 54
Horn, D., see F. Chilton 22B (1966) 91
Horn, D., New approach to high energy scattering 31B (1970) 30

Horn, K., see J. Engler 27B (1968) 599; 28B (1969) 64; 29B (1969) 321; 31B (1970) 669; 32B (1970) 716; 34B (1971) 528
Hornbostel, J., see R.C. Smith 32B (1970) 133
Hornshøj, P., see B.I. Deutch 21B (1966) 659
Hornshøj, P., see P.G. Hansen 28B (1969) 415
Hornshøj, P., K. Wilsky, P.G. Hansen, B. Jonson, M. Alpsten, G. Andersson, Å. Appleqvist, B. Bengtsson, O.B. Nielsen, Beta-delayed proton emission from ^{115,117}Xe and ^{179,181,183}Hg 34B (1971) 591
Hornshøj, P., P.G. Hansen, B. Jonson, A. Lindahl, O.B. Nielsen, Search for rotational fine structure inthe nucleus ^{184}Hg 43B (1973) 377
Hornstein, J., F. Gross, Relativistic deuteron wavefuntions 47B (1973) 205
Horoshko, R.N., see M. Soga 26B (1967) 727
Horovitz, B., see H. Harari 29B (1969) 314
Hortig, G., see H.-D. Betz 22B (1966) 643
Horsey, J.P., see W.G. Jones 23B (1966) 597
Horsey, J.P., see D.M. Binnie 27B (1968) 106
Horsfjord, V., Charge radii and polarization effects in the oxygen region 45B (1973) 455
Horsfjord, V., see T. Erikson 46B (1973) 173
Horstman, R.E., J.L. Eberhardt, H.A. Doubt, G. Van Middelkoop, A magnetic moment measurement of a very short-lived state (^{24}Mg, 2_1^+) 48B (1974) 31
Horwitz, L., see N. Cabibbo 22B (1966) 336
Horwitz, L., Y. Ne'eman, Consequences of an approximate C_γ invariance of the physical hadrons 22B (1966) 699
Horwitz, L.P., Y. Ne'eman, Suppression of Regge cuts at $t = 0$ due to universality of factorized residues 26B (1967) 88
Horwitz, L.P., see L. Gomberoff 43B (1973) 408; 45B (1973) 131
Horwitz, N., see W.G. Jones 23B (1966) 597
Horwitz, N., see S. Devons 47B (1973) 271
Hosoya, A., N. Tokuda, Crossing symmetric, dual amplitude with geometrical structure 40B (1972) 208
Hosoya, A., A. Sato, Gauge dependence of ultra violet behavior of gauge theories 48B (1974) 36
Hough, P.V.C., see A.M. Cnops 29B (1969) 45
Housley, R.M., H. De Waard, Anomalous magnetic effect in Mössbauer spectra of some Fe^{+++}-compounds 21B (1966) 90
Howard, A.J., see R.A. Lindgren 32B (1970) 103
Howard, C.G., see P.J. Weisbach 25B (1967) 302
Howells, R.J.W., see L.M.C. Dutton 25B (1967) 245
Howes, R.H., see Y.W. Chow 30B (1969) 171; 32B (1970) 682
Hoyer, P., see Chan Hong-Mo 36B (1971) 79; 40B (1972) 406
Hoyer, P., R.G. Roberts, D.P. Roy, Test of duality in baryon-antibaryon amplitudes from Reggeon-particle scattering 44B (1973) 258
Hraskó, P., see A. Adám 22B (1966) 475
Hraskó, P., On the equality of the matric elements M_V^2, M_A^2, M_P^2 in muon capture 28B (1969) 470
Hrehuss, Gy., T. Czibók, Oscillations in the energy dependence of the n-p scattering cross section 28B (1969) 585
Hrehuss, Gy., see T. Czibók 29B (1969) 105
Hromadnik, H., see S. Brandt 22B (1966) 109, 230
Hromadnik, H., see M. Deutschmann 22B (1966) 112
Hromadnik, H., see J. Bartsch 22B (1966) 537

Hromadnik, H., see F. Crijns 22B (1966) 533
Hromadnik, H., see M. Aderholz 24B (1967) 434
Hsieh, J., see J. Lynch 35B (1971) 457
Hsieh, S.T., The photodisintegration of ^{15}N 32B (1970) 647
Hsi-Tseng Chen, R.W. Richardson, States of intermediate charge symmetry as low-lying, 0^+ collective excitations of medium weight nuclei 34B (1971) 271
Hsu, F.H.H., see Y.W. Chow 30B (1969) 171
Hsu, L.S., see J.B. French 25B (1967) 75
Hsu, L.S., Upper bounds for electromagnetic transition rates 25B (1967) 588
Hu, B., Anomalous dimensions of tensor operators in 4-ϵ dimensions 49B (1974) 168
Huang, K., see H. Feshbach 47B (1973) 300
Huang, H.W., see P. Carruthers 24B (1967) 464
Huang-Lin, L.J., see A. Arima 41B (1972) 429, 435
Hubbard, J.R., see L. Moscoso 32B (1970) 513; 40B (1972) 285
Hubbard, J.R., see G.R. Charlton 32B (1970) 720
Hubbard, J.R., see I. Videau 41B (1972) 213
Hübel, H., see J. Fechner 26B (1967) 374
Hübel, H., see G. Schäfer 46B (1973) 65
Huber, G., see J. Bonn 36B (1972) 308; 38B (1972) 308
Huber, M.G., see J.A. Shah 28B (1969) 381
Huber, M.G., see K. Chung 29B (1969) 265; 32B (1970) 536
Huber, M.G., see M. Dillig 44B (1973) 484; 48B (1974) 417
Huber, P., see H. Paetz gen. Schieck 22B (1966) 191; 719
Huber, P., St. Gagneux, H. Leuenberger, Influence of the internal electric field in $BaTiO_3$ on the lifetime of ^{89}Zr 27B (1968) 86
Huberman, B.A., Energy of a tachyon in a magnetic field 36B (1971) 573
Hubert, F., see H. Delagrange 37B (1971) 355
Hubert, P., see M.M. Aléonard 49B (1974) 40
Hubert, Ph., see P. Mennrath 24B (1967) 285
Hübner, R., see W. Bertram 21B (1966) 471
Huby, R., see B.J. Cole 33B (1970) 320; 46B (1973) 55
Huby, R., "Faithful" and "pseudo-bound" theories for stripping to unbound levels 33B (1970) 323
Huc, J., see R. Vanderhagen 24B (1967) 493
Huc, J., see P. Fleury 26B (1968) 686
Hudis, J., see P.G. Hansen 28B (1969) 415
Hudomali, J., see D. Miljanic 50B (1974) 330
Hudomalj, J., see N.D. Gabitzsch 47B (1973) 234
Hudomalj, J., see M. Furic 47B (1973) 241
Hudson, F.R., P.F. Bampton, R.N. Glover, The level structure of ^{68}Zn 27B (1968) 84
Hudson, F.R., see W. Booth 30B (1969) 335
Hudson, P.N., see N. Anyas-Weiss 45B (1973) 231
Hudson, P.N., see D. Strottman 47B (1973) 16
Hudson, P.N., see N. Anyas-Weiss 47B (1973) 442
Huenges, E., H. Rösler, H. Vonach, High-resolution time-of-flight system for precise measurement of excitation energies and Q-values 46B (1973) 361
Huffer, E., see R. Barloutaud 26B (1968) 674
Huffer, E., see J. Goldberg 30B (1969) 434
Huffman, A.H., see M. Gari 36B (1971) 442

Hüfner, J., see W. Ebenhöh 24B (1967) 361
Hüfner, J., Nuclear excitations in muonic bismuth 25B (1967) 189
Hüfner, J., see C.B. Dover 32B (1970) 253
Hüfner, J., see T.E.O. Ericson 33B (1970) 601; 40B (1972) 459
Hüfner, J., see A. Richter 38B (1972) 349
Hüfner, see J.M. Eisenberg 47B (1973) 381
Hüfner, J., S.Y. Lee, H.A. Weidemüller, Strangeness analogue states and the spectrum of $^{12}_{\Lambda}C$ 49B (1974) 409
Hüfner, S., see E. Steichele 21B (1966) 220
Hüfner, S., see E. Münck 24B (1967) 392
Hufton, A.P., see P.S.L. Booth 38B (1972) 339
Hufton, A.P., see J.S. Barton 42B (1972) 297
Hughes, C.M., see B.J. Charles 40B (1972) 289
Hughes, D.J., A.B. Volkov, On the nature of the first excited state of ^{16}O 23B (1966) 113
Hughes, E.B., see W.L. Lakin 31B (1970) 677
Hughes, I., see G. Bassompierre 26B (1967) 30
Hughes, I., see M. Jobes 26B (1967) 49
Hughes, I.S., see D.C. Colley 24B (1967) 489
Hughes, I.S., see D. Scotter 26B (1967) 474
Hughes, J.L., Scattering of light by light in a vacuum free of the influecne of any field 46B (1973) 211
Hughes, V.W., see S. Mori 28B (1969) 152
Hühnermann, H., see W. Fischer 40B (1972) 87
Huizenga, J.R., see W. Lovaland 24B (1967) 666
Huizenga, J.R., see Th.W. Elze 27B (1968) 78
Huld, B., Hard photon radiative correction to wide angle pair production 24B (1967) 185
Huld, B., see R.M. Brown 42B (1972) 117
Hulsizer, R.I., see D.B. Bastien 50B (1974) 290
Hultberg, S., see G. Backenstoss 38B (1972) 181; 43B (1973) 431
Hultschig, H., see W. Albrecht 26B (1967) 642; 28B (1969) 225
Humberston, J.W., R.L. Hall, T.A. Osborn, Bound states of three identical bosons 27B (1968) 195
Humberston, J.W., M.A. Hennell, Triton binding energy calculations with the Hamada–Johnston potential 31B (1970) 423
Humble, S., Triple Regge couplings and the central region of inclusive distributions 40B (1972) 373
Humblet, J., A. Lejeune, On the relation between total and partial widths in nuclear reactions 23B (1966) 561
Humblet, J., Reactance matrix and parametrization of resonances 32B (1970) 533
Hungerford, E.V., see N.D. Gabitzsch 47B (1973) 234
Hung-Sheng Tsao, see S. Deser 50B (1974) 491
Hunyadi, I., see I. Angeli 29B (1969) 36
Hupe, H., see Y. Goldschmidt-Clermont 27B (1968) 602
Hurdus, M.H., see L. Tomlinson 25B (1967) 545
Hüsken, H., see H. Friedrich 38B (1972) 199
Huskins, J., see I.G. Halliday 47B (1973) 509
Husmann, D., see M. Braunschweig 22B (1966) 705; 26B (1967) 405
Huson, F.R., see A.M. Cnops 29B (1969) 45
Huson, R., see B. Daugeras 27B (1968) 332
Huson, R., H.J. Lubatti, J. Six, J.J. Veillet, H. Annoni, G. Bellini, M. Di Corato, E. Fiorini, K. Moriyasu, P. Negri, M. Rollier, H.H. Bingham, C.W. Farwell, W.F. Fretter, Coherent production of 5-pion final states from nuclei at 16 GeV/c 28B (1969) 208

Hussein, A.H., see H.S. Sherif 41B (1972) 465
Husson, J.P., see P.G. Hansen 28B (1969) 415, 596, 663
Hutson, R.L., S. Hayakawa, M. Chabre, J.J. Kraushaar, B.W. Ridley, E.T. Boschitz, Polarization of ^{3}He elastically scattered by ^{12}C and the ^{3}He spinorbit optical potential 27B (1968) 153
Hutton, J.L., see J.S. Forster 27B (1968) 285
Huwe, D., see M. Dickenson 23B (1966) 505
Huwe, D., E. Marquit, F. Oppenheimer, W. Schultz, J.R. Wilson, Study of the reaction $\pi^- + p \to \pi^+ + \pi^- + n$ at 2.36 GeV/c 24B (1967) 252
Huwe, D., see J. Lynch 35B (1971) 457
Huynh, V.D., see S. De Barros 23B (1966) 683
Huzita, H., see L. Behr 22B (1966) 540
Huzita, H., see D. Haidt 29B (1969) 691
Huzita, H., see H.J. Steiner 36B (1971) 521
Hwa, R.C., Correlation between the leading-particle distributions in πp and pp collisions 37B (1971) 405
Hwa, R.C., Longitudinal and transverse momentum correlation of the proton spectrum 39B (1972) 251
Hwa, R.C., D.C. Robertson, Particle production ratios in the diffractive excitation model 41B (1972) 502
Hwa, R.C., Multiplicity distribution at 200 GeV and the inverse-square falloff 42B (1972) 79
Hwa, R.C., see G.J. Aubrecht 44B (1973) 515
Hyakutake, M., see M. Matoba 44B (1973) 159; 45B (1973) 463
Hyakutake, M., see K. Yagi 44B (1973) 447
Hyams, B., see G. Grayer 34B (1971) 333; 35B (1971) 610; 39B (1972) 563
Hyams, B.D., W. Koch, D. Pellett, D. Potter, L. Von Lindern, E. Lorenz, G. Lütjens, U. Stierlin, P. Weilhammer, Leptonic decay branching ratio of the ρ-meson 24B (1967) 634
Hyams, B.D., W. Koch, D.C. Potter, L. Von Lindern, E. Lorenz, G. Lütjens, U. Stierlin, P. Weilhammer, Observation of the $\mu^-\mu^+$ decay mode of the η^o meson 29B (1969) 128
Hyams, B.D., W. Koch, D.C. Potter, L. Von Lindern, E. Lorenz, G. Lütjens, U. Stierlin, P. Weilhammer, An upper limit on the $K_s^o \to \mu^-\mu^+$ decay rate 29B (1969) 521
Hyde, E.K., see A.M. Poskanzer 27B (1968) 414
Hyder Jr., A.K., see G.I. Harris 22B (1966) 159; 25B (1967) 210
Hyder Jr., A.K., G.I. Harris, An isobaric analog state with $1f_2^7$ configuration in ^{37}Cl 24B (1967) 273
Hyman, L., see J. Mott 23B (1966) 171
Hyman, L.G., J. Loken, E.G. Pewitt, M. Derrick, T. Fields, J. McKenzie, I.T. Wang, J. Fetkovich, G. Keyes, Mass measurements using the range-energy relation in a helium bubble chamber 25B (1967) 376
Hyman, L.G., see R. Singer 49B (1974) 481

Iachello, F., A. Lande, Meson finite size effects in mesonic atoms 35B (1971) 205
Iachello, F., A.D. Jackson, A. Lande, Semi-phenomenological fits to nucleon electromagnetic form factors 43B (1973) 191
Iachello, F., see H. Feshbach 45B (1973) 7
Iachello, F., P.P. Singh, Effects of intermediate channels in isospin forbidden reactions 48B (1973) 81
Iachello, F., A. Lande, Finite range effects in pionic atoms 50B (1974) 313
Ialongo, G., see G. Alaga 22B (1966) 619
Iarocci, E., see F. Ceradini 42B (1972) 501; 43B (1973) 341
Ibarra, R.H., Two-particle transfer form factors 43B (1973) 6
Ibarra, R.H., see D.H. Feng 46B (1973) 37; 47B (1973) 477
Ichimura, M., M. Kawai, T. Ohmura, B. Imanishi, A numerical study on the validity of DWBA for (d,p) reactions 30B (1969) 143
Ichimura, M., see R.A. Broglia 45B (1973) 23
Idschok, U., see V. Blobel 48B (1974) 73
Igamberdiev, K., see O. Balea 39B (1972) 571
Igamberdjev, K., see Alma...collaboration 48B (1974) 277
Igarashi, M., see H. Kamitsubo 28B (1969) 408
Igarashi, M., M. Kawai, K. Yazaki, A two-step process in the ^{210}Pb(p,d)^{209}Pb reaction 42B (1972) 323
Igi, K., Crossing symmetric Regge behaved amplitude for πN scattering 28B (1969) 330
Igi, K., M. Kuroda, H. Miyazawa, Finite-energy sum rule as a test of the Pomeranchuk theorem 34B (1971) 140
Igi, K., T. Eguchi, Determination of the coupling strength from duality and unitarity 36B (1971) 486
Igi, K., see T. Eguchi 40B (1972) 245
Igi, K., T. Eguchi, Duality in exotic peaks 42B (1972) 449
Ignatovich, V.K., B.V. Struminsky, $\Delta S = 1$, $\Delta Q = 0$ decays of hadrons in the quark model 24B (1967) 69
Ignatyuk, A.V., G.N. Smirenkin, Even-odd differences and structure of the fission barriers 29B (1969) 159
Ignatyuk, A.V., N.S. Rabotnov, G.N. Smirenkin, Two-hump fission barrier in quasi-classical approximation 29B (1969) 209
Igo, G., see J.F. Dicello 23B (1966) 685
Igo, G.J., see T.J. Woods 34B (1971) 594; 39B (1972) 193
Igo, G.J. see G.W. Hoffmann 40B (1972) 453
Igo, G.J., see E.R. Flynn 41B (1972) 397
Igo-Kemenes, P., see J.P. Deutsch 26B (1967) 315
Igo-Kemenes, P., J.P. Deutsch, D. Favart, L. Grenacs, P. Lipnik, P.C. Macq, Evidence for giant resonance excitation in muon-capture 34B (1971) 286
Ihle, H., see W. Fischer 40B (1972) 87
Ikeda, A., see E.B. Shera 40B (1972) 349
Ikeda, A., R.K. Sheline, N. Onishi, A description of decoupled bands using the angular momentum projection method applied to the coherent phonon state 44B (1973) 397
Ikeda, A., see M. Ikeda 45B (1973) 187
Ikeda, M., see R. Chiba 28B (1969) 173
Ikeda, M., A. Ikeda, R.K. Sheline, The effects of γ-instability on the muonic X-rays of ^{192}Os 45B (1973) 187
Ikegami, H., M. Sano, Effect of collective vibrational motion on the anomalous coupling states 21B (1966) 323
Ikov, N., see Alma...collaboration 48B (1974) 277

Ikov, N.L., see Kh.M. Chernev 36B (1971) 266
Ilgenfritz, E.M., see J. Kripfganz 48B (1974) 329
Iliescu, E., see I. Boca 22B (1966) 76
Iliopoulis, J., R.P. Van Royen, Current algebra and K_{l3} form factors 25B (1967) 146
Iliopoulos, J., see D'Espagnat 21B (1966) 71, 232
Iliopoulos, J., see J.-L. Gervais 21B (1966) 103
Iliopoulos, J., see C. Bouchiat 38B (1972) 519; 42B (1972) 91
Il-Tong Cheon, Inelastic electron scattering and the phenomenological wave function of ^{6}Li 35B (1971) 276
Imanishi, B., Resonance energies and partial widths of quasimolecular states formed by the two carbon nuclei 27B (1968) 267
Imanishi, B., see M. Ichimura 30B (1969) 143
Imrie, D.C., see P.C. Barber 32B (1970) 214
Inagaki, H., see Y. Chikashige 40B (1972) 117
Inagaki, T., see Y. Hemmi 32B (1970) 137; 43B (1973) 79
Inagaki, Y., see Y. Hemmi 43B (1973) 79
Inami, T., see M. Fukugita 36B (1971) 575
Inami, T., see F. Elvekjaer 44B (1973) 91
Inami, T., H.I. Miettinen, Dual properties of strangeness annihilation processes 49B (1974) 67
Inamura, T., see T. Nomura 40B (1972) 543
Inamura, T., see K. Hiruta 45B (1973) 244
Ingebretsen, F., C. Broude, J.S. Forster, Properties of the 3942 keV level in ^{35}Cl and evidence for a ground state rotational band 31B (1970) 297
Ingebretsen, F., see J.S. Forster 32B (1970) 451
Ingebretsen, F., see C. Ellegaard 40B (1972) 641
Ingelman, S., see C. Ekström 39B (1972) 199
Ingemarsson, A., A. Johansson, G. Tibell, Deuteron vector polarization in (p,d) reactions at 185 MeV 27B (1968) 439
Ingham, D., see O. Aspelund 50B (1974) 441
Ingram, C.H.Q., see J.J. Domingo 32B (1970) 309
Ingwersen, H., see J. Christiansen 35B (1971) 501
Innocenti, P., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Innocenti, P., see C.-Y. Chien 33B (1970) 627; 35B (1971) 261
Innocenti, P., see E. Dally 41B (1972) 647
Inogamov, Sh., see O. Balea 39B (1972) 571
Inogamov, Sh., see Alma...collaboration 48B (1974) 277
Inogamova, T., see Alma...collaboration 48B (1974) 277
Ioffe, B.L., see V.N. Gribov 21B (1966) 457; 24B (1967) 554
Ioffe, B.L., Space-time picture of photon and neutrino scattering and electroproduction cross section asymptotics 30B (1969) 123
Ioffe, B.L., Soft pion production in deep inelastic electromagnetic and weak processes 37B (1971) 101
Ion, I., see A.A. Derevchekov 48B (1974) 367
Iordăchescu, A., see S. Vajda 42B (1972) 54
Iordachescu, A., E.A. Ivanov, G. Pascovici, The magnetic moment of the 22 μs isomeric state in ^{38}K 48B (1974) 28
Iovchev, I.I., see G.G. Beznogikh 30B (1969) 274
Irvine, J.M., Configuration mixing ans mysterious second zero states 36B (1971) 21
Irvine, J.M., see C. Abulaffio 38B (1972) 492

Irvine, J.M., G.S. Mani, V. Pucknell, A. Watt, R.R. Whitehead, Shell model calculations on the positive parity states in ^{20}Ne 44B (1973) 16
Irving, A.C., see M. Abramovich 39B (1972) 353
Irwin, G., see R. Arnold 27B (1968) 466
Irwin, G., see C. Baglin 29B (1969) 445
Isaak, G.R., N. Berovic, P.D. Dunscombe, C.E. Gough, D. Hacking, M.R. Hawkesworth, J.S.C. McKee, B.L. Reece, T.J. Solaija, A search for chemically bound neutrons in LiF at 4°K 31B (1970) 63, 572
Isaak, G.R., Can an n-e$^-$ bound state exist? 32B (1970) 81
Isakov, V.V., see Yu.M. Antipov 30B (1969) 576
Isakov, V.V., see V.N. Bolotov 38B (1972) 120; 48B (1974) 280
Isakov, V.V., see V.I. Belousov 43B (1973) 76
Isham, C.J., A. Salam, J. Strathdee, Spontaneous breakdown of conformal symmetry 31B (1970) 300
Isham, C.J., A. Salam, J. Strathdee, Gauge-invariant infinity suppression in gravity-modified quantum electrodynamics 35B (1971) 585
Isham, C.J., A. Salam, J. Strathdee, Is quantum gravity ambiguity-free? 46B (1973) 407
Ishihara, M., H. Kawakami, N. Yoshikawa, M. Sakai, K. Ishii, Lifetime measurements on E2 isomers in $N = 48$ nuclei and E2 effective charges of $1g_{9/2}$ nucleons 35B (1971) 398
Ishii, K., see M. Ishihara 35B (1971) 398
Ishii, M., see K. Komaki 38B (1972) 218
Ishizaki, Y., see T. Suehiro 33B (1970) 468
Ishkhanov, B.S., I.M. Kapitonov, L. Majling, Specific features of the photodisintegration of nuclei in the 1f-2p shell 22B (1966) 301
Islam, M.M., Regge cut as optical potential in high-energy large-angle pp scattering 31B (1970) 313
Islam, M.M., Eikonal approximation and the Mandelstam diagram 36B (1971) 586
Isozumi, Y., see S. Shimizu 25B (1967) 124
The ISR Staff, First observation of colliding beam events in the CERN intersecting storage rings (ISR) 34B (1971) 425
Israelian, M.Kh., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301
Itoh, H., see Y. Hemmi 43B (1973) 79
Itzykson, C., see F. Hayot 39B (1972) 521
Ivanchenko, I.M., see I.M. Vasilevsky 23B (1966) 174
Ivanchenko, I.M., see V.K. Birulev 38B (1972) 452
Ivanchenko, I.M., see Berlin...collaboration 48B (1974) 257
Ivanchenko, I.M., see K.F. Albrecht 48B (1974) 393
Ivanov, E.A., Short-lived isomers observed in alpha particle bombardments of natural elements 23B (1966) 265
Ivanov, E.A., see S. Vajda 42B (1972) 54
Ivanov, E.A., see A. Iordachescu 48B (1974) 28
Ivanov, V.G., see G. Bozóki 28B (1969) 360
Ivanov, V.I., see R.G. Astvacaturov 27B (1968) 45
Ivanova, N.A., see A.O. Aganyants 27B (1968) 590
Ivanova, S.P., see S.K. Abdulvagabova 38B (1972) 215
Ivanovich, M., see P.G. Young 23B (1966) 361
Ivanovskaya, I., see Alma...collaboration 48B (1974) 277
Ivanovskaya, I.A., see Z.S. Strugalski 29B (1969) 518, 532
Ivanovskaya, I.A., see V.V. Barmin 33B (1970) 377
Ivanter, I.G., see I.I. Gurevich 29B (1969) 387

Iverson, G.J., Representations of O(3,1) and Regge daughter-poles 26B (1967) 229
Iwata, S., see J. Fischer 49B (1974) 393
Iwasaki, Y., S. Yazaki, On the triple-Regge amplitude 39B (1972) 361
Iwasaki, Y., S. Yazaki, Decoupling of the two-pomeranchon-cut 45B (1973) 263
Iwatani, K., see J. Sanada 39B (1972) 509
Ixaru, L.Gr., Gh. Adam, On the theoretical absolute alpha decay rates 35B (1971) 293
Izumoto, T., see T. Udagawa 35B (1971) 129
Izutsu, N., see H. Hiramatsu 44B (1973) 50

Jabbur, R.J., see F. Chilton 22B (1966) 91
Jabiol, M.A., see V.V. Ammosow 42B (1972) 519
Jabiol, M.A., see V.A. Bumazshnov 50B (1974) 283
Jabiol, M.A., see J. Derre 50B (1974) 287
Jabłonski, Z., see Z.S. Strugalski 29B (1969) 518, 532
Jackiw, R., Derivation of Weinberg's second sum rule 27B (1968) 96
Jackiw, R., Currents as coordinates and finite electromagnetic corrections 27B (1968) 394
Jackson, A.D., A. Lande, P.U. Sauer, Matrix elements of the lambda-nucleon potential from phase shifts 30B (1969) 233
Jackson, A.D., T.T.S. Kuo, J.D. Vergados, Test of the pairing-vibration model in ^{40}A 30B (1969) 455
Jackson, A.D., J.A. Tjon, Relativistic corrections to the triton binding energy with local potentials 32B (1970) 9
Jackson, A.D., A. Lande, P.U. Sauer, Triton calculations in a harmonic oscillator basis with realistic potentials 35B (1971) 365
Jackson, A.D., see S.N. Yang 36B (1971) 1
Jackson, A.D., see R.E. Griffin 36B (1971) 281
Jackson, A.D., see M. Fortes 38B (1972) 277
Jackson, A.D., see F. Iachello 43B (1973) 191
Jackson, A.D., see Y.-A. Chao 43B (1973) 449
Jackson, A.D., D.O. Riska, Approximate D-states and meson exchange currents 50B (1974) 207
Jackson, D.F., B.K. Jain, Study of the (p, 2p) reaction in the energy region 160 MeV to 1 GeV 27B (1968) 147
Jackson, D.F., Microscopic predictions for the isotopic dependence of strong absorption radii 32B (1970) 233
Jackson, D.F., Diffraction effects in the high energy (p, 2p) reaction 35B (1971) 99
Jackson, D.F., see B.W. Allardyce 41B (1972) 577
Jackson, D.F., R.C. Johnson, Energy dependence of alpha-particle and heavy-ion opticals potentials 49B (1974) 249
Jackson, H.E., see S. De Barros 23B (1966) 683
Jackson, H.E., J. Julien, J. Morgenstern, C. Samour, Low-lying energy levels of ^{196}Pt 24B (1967) 41
Jackson, J.D., C. Quigg, Charged pion photoproduction and finite energy sum rules 29B (1969) 236
Jackson, J.D., C. Quigg, Erratum 29B (1969) 236 33B (1970) 444
Jackson, J.N., see P.S.L. Booth 38B (1972) 339
Jackson, J.N., see J.S. Barton 42B (1972) 297
Jackson, J.N., see B. Alper 44B (1973) 521, 527; 46B (1973) 265; 47B (1973) 75, 275
Jackson, K.P., K. Bharuth Ram, P.G. Lawson, N.G. Chapman, K.W. Allen, High spin states in ^{19}F 30B (1969) 162
Jackson, K.P., C.U. Cardinal, H.C. Evans, N.A. Jelley, J. Cerny, ^{53}Co^{m}: A proton-unstable isomer 33B (1970) 281
Jackson, K.P., see H. Schmeing 44B (1973) 452
Jackson, K.P., J.C. Hardy, H. Schmeing, R.L. Graham, J.S. Geiger, K.W. Allen, A new delayed proton precursor: chromium-45 49B (1974) 341
Jacmart, J.C., see W. Von Oertzen 28B (1969) 482
Jacmart, J.C., see P. Colombani 42B (1972) 197, 208; 48B (1974) 315
Jacob, G., Th.A.J. Maris, C. Schneider, M.R. Teodoro, Probing the spin-orbit coupling of nuclear protons 45B (1973) 181
Jacob, H., see V.S. Bhasin 32B (1970) 15
Jacob, M., see J. Ellis 35B (1971) 227

Jacob, M., see P. Chliapnikov 35B (1971) 581
Jacob, M., R. Slansky, Inclusive pion distributions at present machine energy 37B (1971) 408
Jacob, M., R. Slansky, C.C. Wu, Meson distributions in photoproduction 38B (1972) 85
Jacobs Jr., C.G., see N. Hershkowitz 27B (1968) 563
Jacobs, H., K. Wildermuth, E.J. Wurster, Distortion effects in the elastic α-d-scattering 29B (1969) 455
Jacobs, L.D., see M. Aguilar-Benitez 29B (1969) 62, 241, 379
Jacobsen, T., see R.A. Donald 26B (1967) 327
Jacobsen, T., see H. Bøggild 30B (1969) 369
Jacquemin, C., A method of calculation of *J*-fixed shell model spectral distributions 43B (1973) 253
Jacquet, F., see C. Baglin 22B (1966) 219; 23B (1966) 286; 24B (1967) 637
Jacquet, F., U. Nguyen-Khac, C. Baglin, A. Bezaguet, B. Degrange, R.J. Kurz, P. Musset, A. Haatuft, A. Halsteinslid, J.M. Olsen, Search for the decay mode $\eta^o \to \pi^o\gamma\gamma$ 25B (1967) 574
Jacquet, F., see T. Eichten 40B (1972) 593
Jadach, S., J. Truneau, Overlap function from the multiperipheral model 50B (1974) 369
Jaeger, K., see D. Swanson 48B (1974) 479
Jafar, J., see P. Le Du 44B (1973) 390
Jafar, J., see W. Beusch 46B (1973) 477
Jafar, J.D., see K.R. Chapman 21B (1966) 465
Jafar, J.D., see L.M.C. Dutton 25B (1967) 245
Jaffe, A.A., see L. Birstein 26B (1967) 220
Jaffe, A.A., see T.G. Dzubay 33B (1970) 302
Jaffe, A.I., A.S. Reiner, Particle instability of $^{3}_{\Lambda}$n 26B (1967) 351
Jaffe, A.I., A.S. Reiner, Binding energies and charge radii of ^{3}H and ^{3}He 26B (1967) 719
Jaffe, R.L., Coordinate space structure in the parton model 37B (1971) 517
Jaffre, M., see F.J. Hasert 46B (1973) 121
Jaffre, M., see T. Eichten 46B (1973) 274, 281
Jaffrin, A., Positive parity deformed states in ^{56}Ni and ^{58}Ni 32B (1970) 448
Jäger, H., see U. Fischer 44B (1973) 161
Jägare, S., see J.P. Bondorf 21B (1966) 185
Jägare, S., Excitation energies of fissioning shape isomers 32B (1970) 571
Jahn, P., see O. Dragoun 24B (1967) 146; 28B (1969) 251
Jahn, P., see R.M. Lieder 39B (1972) 196
Jahnke, U., see W. Bohne 47B (1973) 342
Jahnke, U., see H. Fuchs 49B (1974) 447
Jahnsen, T., see P.G. Hansen 28B (1969) 415
Jahr, R., see K. Bähr 21B (1966) 686
Jahr, R., see T. Becker 24B (1967) 458
Jahr, R., J.A.H. Pfleger, H. Zell, A new level in ^{24}Na at 1.51 MeV 25B (1967) 113
Jain, A.K., N. Sarma, Charge form factor and quadrupole moment of ^{6}Li 33B (1970) 271
Jain, A.P., see R.E. Chrien 24B (1967) 573
Jain, A.P., Search for a pygmy resonance in resonant n–γ spectra of ^{197}Au 42B (1972) 419
Jain, B.K., see D.F. Jackson 27B (1968) 147
Jain, M., see K.H. Bray 35B (1971) 41
Jain, P.L., see G.P. Thomas 26B (1967) 401
Jaklevic, J.M., C.M. Lederer, J.M. Hollander, A study of levels in ^{92}Mo and ^{94}Ru by in-beam gamma-ray spectroscopy 29B (1969) 179
Jaklevic, J.M., see D. Quitmann 30B (1969) 329
Jakob, H.P., see G. Höhler 35B (1971) 445

Jakovleva, I.V., see I.I. Gurevich 29B (1969) 387
Jamalejev, R.M., see F.A. Gareev 49B (1974) 239
Jameel, M., Pole dominance in the reaction ^{6}Li(^{16}O, d)^{20}Ne 30B (1969) 155
James, A.N., see J.P. Nicholson 27B (1968) 452
James, A.N., see J.L. Durell 29B (1969) 100
James, F., L. Montanet, E. Paul, E. Pauli, P. Saetre, D.M. Sendall, G. Burgun, E. Lesquoy, A. Muller, S. Zylberajch, O. Skjeggestad, Search for *CP*-violation in $K^{o} \to \pi^{+}\pi^{-}\pi^{o}$ decays 35B (1971) 265
James, G.D., see B.H. Patrick 28B (1969) 258
James, J.R., see B. Ram 28B (1969) 372; 29B (1969) 227
James, P.B., R.K. Logan, A Regge-quark model of hadron scattering 25B (1967) 38
Jancso, G., see O. Balea 39B (1972) 571
Jancso, G., see Alma ... collaboration 48B (1974) 277
Jane, M.R., see J.C. Chollet 31B (1970) 658
Jane, M.R., see K.R. Schubert 31B (1970) 662
Jane, M.R., see B. Wolff 36B (1971) 517
Jane, M.R., see J.-P. Repellin 36B (1971) 603
Jane, M.R., B.D. Jones, N.H. Lipman, D.P. Owen, B.K. Penney, T.G. Walker, M. Gettner, P. Grannis, H. Uto, J. Anderson, E.H. Bellamy, M.G. Green, J. Kirkby, P.E. Osmon, J.A. Strong, D.H. Thomas, C.M. Solomonides, A measurement of the charge asymmetry in the decay $\eta \to \pi^{+}\pi^{-}\pi^{o}$ 48B (1974) 260
Jane, M.R., B.D. Jones, N.H. Lipman, D.P. Owen, B.K. Penney, T.G. Walker, M. Gettner, P. Grannis, H. Uto, J. Anderson, E.H. Bellamy, M.G. Green, J. Kirkby, P.E. Osmon, J.A. Strong, D.H. Thomas, C.M. Solomonides, A measurement of the charge asymmetry in the decay $\eta \to \pi^{+}\pi^{-}\gamma$ 48B (1974) 265
Jänecke, J., see W.S. Gray 26B (1967) 383
Janetzki, U., see H. Fuchs 31B (1970) 14
Jang, S., see J. Yoccoz 24B (1967) 9
Janiszewski, J., see K.H. Bray 35B (1971) 41
Janossy, V., see R. Arnold 36B (1971) 261
Janouch, F., R. Mach, Internal bremsstrahlung and the pole mechanism of direct nuclear reactions 29B (1969) 79
Janouch, F., see J. Dittrich 34B (1971) 363
Janout, Z., see J. Bystrický 28B (1969) 572
Janout, Z., see H. Aoi 35B (1971) 90
Janout, Z., see M. Borghini 36B (1971) 493, 497, 501
Jansen, K., W. Scheid, Fluctuation analysis of theoretical ^{12}C-^{12}C cross sections 47B (1973) 427
Janssen, D., see S. Frauendorf 34B (1971) 469
Jarczyk, L., J. Lang, R. Müller, A. Pollitzer, J.G. Valley, W. Wölfli, P. Marmier, Deuteron breakup in the field of a heavy nucleus, Au(d, np) Au 39B (1972) 191
Jarlskog, G., see B. Alper 44B (1973) 521, 527; 46B (1973) 265; 47B (1973) 75, 275
Jarlskog, C., see J. Bernabeu 50B (1974) 467
Jarmer, J.J., see G.C. Salzman 45B (1973) 123
Jarmer, J.J., J.C. Martin, G.G. Ohlsen, G.C. Salzman, J.E. Simmons, Longitudinal polarization transfer in the $T(\vec{p}, \vec{n})^{3}$He reaction 48B (1974) 215
Jarvis, O.N., see B.G. Harvey 24B (1967) 43
Jarvis, O.N., see D.L. Hendrie 26B (1967) 127
Jarvis, O.N., see N.K. Glendenning 26B (1967) 131

Jarvis, O.N., C. Whitehead, M. Shah, Small-angle proton-proton scattering cross-sections at 144 MeV 36B (1971) 409
Jastrzebski, J., see I. Amarel 24B (1967) 402
Jastrzebski, J., see P.G. Hansen 28B (1969) 415
Jauneau, L., see T. Eichten 40B (1972) 593; 46B (1973) 274
Jaus, W., Electromagnetic corrections of order $Z\alpha^2$ and $Z^2\alpha^3$ to Fermi β-decays 40B (1972) 616
Javrishvili, A.K., see Z.Sh. Manjavidze 27B (1968) 539
Jayaraman, K.S., see K.H. Bray 35B (1971) 41
Jeanjean, J., see J.E. Augustin 28B (1969) 503, 517; 31B (1970) 673
Jeanjean, J., see J.C. Bizot 32B (1970) 416
Jean-Marie, B., see B. Bouquet 26B (1967) 178
Jean-Marie, B., see D. Benaksas 39B (1972) 289; 42B (1972) 507, 511
Jean-Marie, B., see G. Cosme 40B (1972) 685; 48B (1974) 155, 159
Jeans, A.F., see W. Darcey 25B (1967) 599
Jeans, A.F., K.N. Jones, W. Darcey, Normalisation of the (t, d) reaction 27B (1968) 431
Jelinek, A.V., see B.J. Bateman 36B (1971) 144
Jelley, N.A., see K.P. Jackson 33B (1970) 281
Jelley, N.A., see D.W.C. Rogers 37B (1971) 65
Jelley, N.A., N. Anyas-Weiss, M.R. Wormald, B.Y. Underwood, K.W. Allen, Decay of the 15.22 MeV, $T = 2$ state in ^{28}Si 40B (1972) 200
Jelley, N.A., see J.A. MacDonald 47B (1973) 237
Jen, C.-L., K. Kang, P. Shen, C.-I. Tan, Short-range correlations in two-particle productions 38B (1972) 81
Jenefsky, R.F., see F.N. Gygax 32B (1970) 359
Jengo, R., see G. Furlan 21B (1966) 720
Jengo, R., see D. Amati 22B (1966) 674; 24B (1967) 108; 26B (1967) 510; 27B (1968) 38
Jengo, R., A new example of a crossing symmetric Regge behaved amplitude 28B (1969) 261
Jengo, R., A proof of the validity of generalized interference models 28B (1969) 606
Jengo, R., see G. Calucci 37B (1971) 416
Jengo, R., A. Krzywicki, B. Petersson, What can be learned from inclusive antiproton spectra? 43B (1973) 397
Jengo, R., B. Petersson, N. Sourlas, A new sum rule from the parton model 46B (1973) 249
Jenik, L. see O. Balea 39B (1972) 571
Jenik, L., see Alma ... collaboration 48B (1974) 277
Jenkin, J.G., see J.M. Freeman 22B (1966) 177
Jenkin, J.G., see J.M. Freeman 27B (1968) 156
Jenkins, D.A., R.J. Powers, P. Martin, G.H. Miller, R.E. Welsh, A.R. Kunselman, The 2s atomic level in muonic ^{140}Ce 32B (1970) 267
Jennings, R., see G. Bassompierre 27B (1968) 468
Jenschke, B., see P. Bock 22B (1966) 316
Jenschke, B., P. Bock, Observation of parity mixing in the 501 keV gamma-transition in ^{180}Hf 31B (1970) 65
Jensen, A.S., C.Y. Wong, Distortion of nuclei in heavy ion reactions 32B (1970) 567
Jensen, D.A., see R.D. Ehrlich 23B (1966) 468
Jentzsch, K., see G. Backenstoss 36B (1971) 422
Jeremiah, D.R., see J. Bailey 50B (1974) 403
Jérémie, H., Cross-section for ejection of deuterons from ^{6}Li by electrons 40B (1972) 311
Jérémie, H., R. Larose-Poutissou, The neutron-neutron scattering length from a complete experiment on the ^{3}H(d, 2n)^{3}He reaction at 8.45 MeV 44B (1973) 68

Jersák, J., see Y. Georgelin 34B (1971) 207
Jersák, J., H. Leutwyler, J. Stern, Light cone and fixed mass limits 44B (1973) 105
Jett, J.H., G.D. Jones, R.A. Ristinen, Evidence for a groundstate triplet in ^{45}Ti 28B (1969) 111
Jeukenne, J.P., see A. Lejeune 42B (1972) 171
Jewell, R., see J.J. Wesolowski 29B (1969) 227
Jewell, W.J.R., see J.J. Wesolowski 28B (1969) 544
Jha, S., W.R. Owens, M.C. Gregory, B.L. Robinson, The Mössbauer effect in ^{191}Ir and ^{189}Os 25B (1967) 115
Jin, Y.S., General proof of Carruthers theorem 24B (1967) 411
Jobes, M., see G. Bassompierre 26B (1967) 30
Jobes, M., W. Matt, G. Bassompierre, Y. Goldschmidt-Clermont, A. Grant, V.P. Henri, I. Hughes, B. Jongejans, R.L. Lander, D. Linglin, F. Muller, J.M. Perreau, I. Saitov, R.L. Sekulin, G. Wolf, W. De Baere, J. Debaisieux, P. Dufour, F. Grard, J. Heughebaert, L. Paper, P. Peeters, F. Verbeure, R. Windmolders, Evidence for a $K^*(1660)$ resonance in K^+p reactions at 5 GeV/c 26B (1967) 49
Jobes, M., see P.V. Chliapnikov 39B (1972) 279
Jobes, M., see J.N. Carney 42B (1972) 124
Joel Mellema, D., see Chih-Yung Chien 25B (1967) 426
Johann, H.G., see J. Christiansen 35B (1971) 501
Johansson, A., On the shell-model interpretation of the inelastic scattering of 185 MeV protons from ^{7}Li 24B (1967) 29
Johansson, A., G. Malmsten, A. Marelius, B. Nyman, H. Petersson, B. Svahn, Establishment of an excited state at 1.64 keV in ^{193}Pt 26B (1967) 83
Johansson, A., see A. Ingemarsson 27B (1968) 439
Johansson, A., see S. Kullander 34B (1971) 197
Johansson, A., see W. Ebenhöh 49B (1974) 137
Johansson, E., see V. Chabaud 38B (1972) 441, 445, 449; 41B (1972) 209
Johansson, E., see A. Eide 41B (1972) 225
Johansson, E., see F.H. Schmidt 45B (1973) 157
Johansson, E., see C. Baglin 47B (1973) 85, 89
Johansson, K., E. Karlsson, R.W. Sommerfeldt, Magnetic moment of the lowest 2^+ vibrational state in ^{122}Te 22B (1966) 297
John, W., R. Massey, B.G. Saunders, Systematics of fission product X-ray intensities 24B (1967) 336
John, W., see J.J. Wesolowski 29B (1969) 227
John, W., J.J. Wesolowski, F. Guy, Mass-dependent structure in the fission γ-ray yields from ^{252}Cf 30B (1969) 340
Johnsen, J., see C.B. Chiu 42B (1972) 475
Johnson, A., see I. Amarel 24B (1967) 402
Johnson, A., see P.G. Hansen 28B (1969) 415
Johnson, A., H. Ryde, J. Sztarkier, Evidence for a "singularity" in the nuclear rotational band structure 34B (1971) 605
Johnson, D., see Y. Cho 32B (1970) 409
Johnson, D., The $n\pi^-\pi^-$ mass distribution in the reaction $k^-d \to \bar{K}^0\pi^+\pi^-\pi^-n(p_s)$ at 5.5 GeV/c 34B (1971) 428
Johnson, D., see M. Hasinoff 39B (1972) 506
Johnson, J., R.A. Sorensen, The magnetic hyperfine interaction in muonic ^{209}Bi 26B (1967) 700
Johnson, J.A., A.C. Thompson, D.T. Adler, R.A. Sorensen, R.B. Sutton, Magnetic hyperfine structure of the muonic X-rays of ^{141}Pr 29B (1969) 420

Johnson, J.A., A.C. Thompson, D.T. Adler, R.A. Sorensen, R.B. Sutton, Erratum 31B (1970) 572
Johnson, M.B., see G.F. Bertsch 48B (1974) 397
Johnson, N.R., see E. Eichler 24B (1967) 140
Johnson, P.B., see N.N. Biswas 27B (1968) 513
Johnson, R.C., see P.D.B. Collins 26B (1967) 223; 27B (1968) 23
Johnson, R.C., Analyticity, unitarity, and non-resonant background scattering 32B (1970) 199
Johnson, R.C., E.J. Squires, Doubled trajectories and $\pi^- p$ charge exchange scattering 32B (1970) 385
Johnson, R.C., see G.W. Bennett 36B (1971) 483
Johnson, R.C., Non-flips cuts 38B (1972) 325
Johnson, R.C., see D.F. Jackson 49B (1974) 249
Johnson, R.C., S.D.P. Vlassopulos, Simple Z_0^* model 50B (1974) 343
Johnson, R.G., see P.S.L. Booth 26B (1967) 39; 32B (1970) 723
Johnson, R.P., see A.R. Clark 41B (1972) 229
Johnson, W., see W. Schimmerling 37B (1971) 177
Johnson, W.B., see J. Ballam 31B (1970) 489
Johnson, W.B., see G.W. Brandenburg 44B (1973) 305
Johnssen, W., see H.G. Hilpert 23B (1966) 707
Johnssen, W., see J.V. Beaupré 34B (1971) 160
Johnssen, W., see K. Boesebeck 34B (1971) 659
Johnstad, H., see H. Bøggild 30B (1969) 369
Johnston, A.R., W.R. Gibson, E.A. McClatchie, J.H.P.C. Megaw, Polarization in the elastic scattering of 50 MeV protons by deuterons at backward angles 21B (1966) 309
Johnston, A.R., see F.G. Kingston 22B (1966) 458
Johnstone, I.P., see B.H. Flowers 23B (1966) 119
Johnstone, I.P., A projected Hartree-Fock description of the low-lying triplet in ^{45}Ti 28B (1969) 643
Johnsone, I.P., B. Castel, P. Sostegno, Proton hole states in ^{20}F 34B (1971) 34
Johnstone, I.P., B. Castel, On the $19/2^-$ (3.12 MeV) state in ^{43}Sc and the 6^+ (3.19 MeV) state in ^{42}Ca 37B (1971) 329
Johntson, M., R. Ruffini, F. Zerilli, Electromagnetically induced gravitational radiation 49B (1974) 185
Jokisch, H., see O.C. Allkofer 31B (1970) 606
Joldersma, T., see Y. Goldschmidt-Clermont 27B (1968) 602
Jolly, R.K., D.R. Maxson, G.C. Neilson, G.A. Jones, Ground state spin of ^{129}Te by polarization measurements of protons scattered via analogue resonances 25B (1967) 265
Jolly, R.K., M.D. Goldberg, A.K. Sengupta, W. Darcey, R. Chapman, S. Hinds, DWBA and the 3.12 MeV state in ^{60}Ni 28B (1969) 546
Jolos, R.V., V.G. Soloviev, K.M. Zheleznova, Anharmonic effects in even-even deformed nuclei 25B (1967) 393
Jolos, R.V., U.M. Finer, V.G. Soloviev, K.M. Zheleznova, Anharmonic effects in nuclei of the transition region 27B (1968) 614
Jolos, R.V., Collective modes associated with nuclear pair correlations 30B (1969) 390
Jones, B.D., see M.R. Jane 48B (1974) 260, 265
Jones, C., see G. Grayer 34B (1971) 333; 35B (1971) 610; 39B (1972) 563
Jones, D.P., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Jones Jr., E.C., see L.W. Fagg 44B (1973) 163
Jones, G., see J.J. Domingo 32B (1970) 309
Jones, G.A., see D.L. Allan 21B (1966) 197
Jones, G.A., see R.K. Jolly 25B (1967) 265
Jones, G.D., see J.H. Jett 28B (1969) 111

Jones, G.D., see M. Wayne Greene 32B (1970) 680
Jones, G.T., see P.V. Chliapnikov 39B (1972) 279
Jones, G.T., see J.N. Carney 42B (1972) 124
Jones, G.T., see Aachen ... collaboration 49B (1974) 388
Jones, H.F., A. Salam, s-channel helicity conservation and the stress-tensor 34B (1971) 149
Jones, H.F., see P.G.O. Freund 36B (1971) 89
Jones, K.N., see W. Darcey 25B (1967) 599
Jones, K.N., see A.F. Jeans 27B (1968) 431
Jones, K.W., see G.T. Garvey 29B (1969) 108; 35B (1971) 563
Jones, K.W., see G.A.P. Engelbertink 33B (1970) 353
Jones, K.W., see J.P. Schiffer 44B (1973) 47
Jones, L.W., D.O. Caldwell, B. Zacharov, D. Harting, E. Bleuler, W.C. Middelkoop, B. Elsner, The $\pi^+ - \pi^-$ interaction as studied in 12 and 18 GeV pion-nucleon reactions 21B (1966) 590
Jones, L.W., M.J. Longo, J.R. O'Fallon, M.N. Kreisler, Neutron-nuclei total cross sections at 27 GeV/c 27B (1968) 328
Jones, L.W., see E.F. Parker 31B (1970) 246, 250
Jones, L.W., M.J. Longo, T.P. McCorriston, E.F. Parker, S.T. Powell, M.N. Kreisler, Neutron total cross sections on protons and nuclei in the 10 to 30 GeV/c momentum range 36B (1971) 509
Jones, L.W., see M.J. Longo 36B (1971) 560
Jones, P.B., see D.R. Botterill 31B (1970) 325
Jones, R.E.H., see M.G. Albrow 33B (1970) 516
Jones, T.W., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Jones, T.W., see F.J. Hasert 46B (1973) 121, 138
Jones, W.G., D.M. Binnie, A. Duane, J.P. Horsey, D.C. Mason, J.A. Newth, I.U. Rahman, J. Walters, N. Horwitz, P. Palit, η production near threshold 23B (1966) 597
Jones, W.G., see D.M. Binnie 27B (1968) 106; 39B (1972) 275
Jones, W.H., see D.M. Binnie 36B (1971) 537, 257
Jongejans, B., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
Jongejans, B., see M. Jobes 26B (1967) 49
Jongejans, B., see Y. Goldschmidt-Clermont 27B (1968) 602
Jong-Ping Hsu, S. Okubo, Tests of sum rules based upon the Regge pole model 24B (1967) 179
Jonson, B., see P. Hornshøj 34B (1971) 591; 43B (1973) 377
Jonsson, G.G., B. Forkman, K. Lindgren, Redetermination of some ^{127}I(γ, xn) yields 26B (1967) 508
Jönsson, L., see B. Alper 44B (1973) 521; 46B (1973) 265; 47B (1973) 75, 275
Joos, H., A remark on the photoproduction of vector mesons 24B (1967) 103
Joos, P., see J.G. Asbury 25B (1967) 565
Joos, P., see V. Eckhardt 43B (1973) 240
Jordan, C.L., see J.G. Asbury 25B (1967) 565
Jordan, M., see R.M. Brown 42B (1972) 117
Joseph, A., An inequality relating cross sections to polarization from isospin 42B (1972) 368
Joseph, C., see G.A. Grin 25B (1967) 387
Joseph, C., see C.F. Moore 25B (1967) 468
Joseph, C., see J. Favier 31B (1970) 609
Joseph, J., see B. Goulard 45B (1973) 27
Joseph, P.M., H. Hicks, L. Litt, F.M. Pipkin, J.J. Russell, Photoproduction of K^+ mesons at 3.4 and 5.0 GeV 26B (1967) 41
Josehi, M.C., see P.D. Barnes 23B (1966) 266

Jöstlein, H., see J. Bailey 28B (1969) 287
Jöstlein, H., see R. Baud 31B (1970) 397, 401, 549
Jöstlein, H., see G. Finocchiaro 50B (1974) 396
Jourdain, J.C., see D. Bachelier 44B (1973) 44
Joyce, J.M., see W.S. McEver 31B (1970) 560
Juhala, R.E., see J.B. Kopelman 22B (1966) 118
Juhala, R.E., R.A. Leacock, J.I. Rhode, J.B. Kopelman, L. Marshall Libby, E. Urvater, Evidence for narrow 3π effects near 960 MeV in K^-p interactions at 4.6 and 5.0 GeV/c 27B (1968) 257
Julien, J., see S. De Barros 23B (1966) 683
Julien, J., see H.E. Jackson 24B (1967) 41
Julien, J., see A. Possoz 50B (1974) 438
Jullian, S., see D. Benaksas 39B (1972) 289; 42B (1972) 507, 511
Jullian, S., see G. Cosme 40B (1972) 685; 48B (1974) 155, 159
Jundt, F.C., see R.A. Lindgren 49B (1974) 263
Jung, H., see M. Brüllmann 25B (1967) 269
Junker, K., see U. Götz 38B (1972) 274; 39B (1972) 436
Jurak, A., see E.V. Anzon 31B (1970) 237, 241
Jurak, A., see J. Babecki 40B (1972) 507; 47B (1973) 268
Jurić, M., see O. Adamović 21B (1966) 716
Jurić, M., see T. Todorović 30B (1969) 568
Jurić, M., see Barcelona ... collaboration 48B (1974) 467
Justin, D., M.V. Mihailović, M. Rosina, A description of pairing vibrations with the generator coordinate method 29B (1969) 458
Justin, D., see Y. Abgrall 43B (1973) 165
Juszczak, K., see S. Brandt 22B (1966) 109
Juszczak, K., see J. Bartke 24B (1967) 118, 163

Kabachnik, N.M., see V.V. Balashov 25B (1967) 316; 36B (1971) 325
Kabachnik, N.M., I.P. Sagina, Damping of hole states in the giant dipole resonance 41B (1972) 31
Kabe, S., see T. Eichten 40B (1972) 593; 46B (1973) 274
Kabe, S., see F.J. Hasert 46B (1973) 138
Kabir, P.K., Two-body decay of the neutron 24B (1967) 601
Kachanov, V.A., see Yu.B. Bushnin 29B (1969) 48
Kachanov, V.A., see F. Binon 30B (1969) 506, 510; 31B (1970) 230
Kachanov, V.A., see Yu.M. Antipov 34B (1971) 164
Kachanov, V.A., see V.N. Bolotov 38B (1972) 120; 48B (1974) 280
Kachanov, V.A., see V.I. Belousov 43B (1973) 76
Kadansky, V., see P. Feller 49B (1974) 197
Kademova, K.V., see M.M. Kraev 34B (1971) 147
Kademova, K.V., M.M. Kraev, On the Lie algebraic structure of a new field quantization 34B (1971) 405
Kaffrell, N., G. Herrmann, Evidence for a four-quasiparticle state in the deformed nucleus ^{164}Dy 34B (1971) 46
Kafka, T., see T. Ludham 48B (1974) 449
Kafka, T., see R. Singer 49B (1974) 481
Kaftanov, V., see A. Böhm 27B (1968) 321, 594
Kaftanov, V.S., V.D. Khovansky, M.A. Kubantsev, Upper limit for the constant of ν_μ-μ interaction from the CERN neutrino experiment 40B (1972) 215
Kaftanov, V.S., see A.E. Asratyan 49B (1974) 488
Kaguei, S., see M. Sato 42B (1972) 21
Kahana, S., see G. Bertsch 33B (1970) 193
Kahana, S., see P.D. Bond 47B (1973) 231
Kahana, S., see R. Moreh 47B (1973) 351
Kahana, S., P.D. Bond, C. Chasman, A simple description of differential cross sections for heavy ion induced reactions 50B (1974) 199
Kahn, P.B., N. Rosenzweig, Density of states of degenerate Fermi systems with periodic level schemes 22B (1966) 307
Kaidalov, A.B., On the tests of the basic assumptions of complex angular momentum method 26B (1967) 20
Kaidalov, A.B., B.M. Karnakov, Investigation of the contribution from moving cuts to the pn-charge exchange process 29B (1969) 372
Kaidalov, A.B., B.M. Karnakov, Evaluation of the moving cut contributions to the photoproduction of pseudoscalar mesons 29B (1969) 376
Kaidalov, A.B., V.A. Khoze, Yu.F. Pirogov, N.L. Ter-Isaakyan, On determination of the triple-pomeron coupling from the ISR data 45B (1973) 493
Kaindl, G., see H. Schaller 24B (1967) 397
Kaindl, G., R.L. Mössbauer, Recoilless nuclear resonance absorption in ^{145}Nd 26B (1967) 386
Kaindl, G., Spin and magnetic moment of the 72.5 keV state of ^{145}Nd 28B (1969) 171
Kaindl, G., see F. Wagner 28B (1969) 548
Kaindl, G., see H. Bohn 32B (1970) 346
Kaindl, G., D. Salomon, Interference of photoelectric and nuclear resonance absorption, and magnetic splitting of 6.25 keV γrays of ^{181}Ta 32B (1970) 364
Kaindl, G., see F. Bacon 37B (1971) 181
Kaindl, G., F. Bacon, A.J. Soinski, Nuclear quadrupole alignment of ^{180}Hf^{m} and ^{175}Hf in hafnium metal 46B (1973) 62
Kaiser, G.D., The Pomeron: a fixed cut of changing character? 37B (1971) 308

Kaiser, G.D., Isospin conservation and "Poisson-like" multiplicity distributions 48B (1974) 235
Kaiser, H., see Berlin ... collaboration 48B (1974) 257
Kaiser, R., see Barcelona ... collaboration 48B (1974) 467
Kajantie, K., T.S. Trefil, Suppression of the φ photoproduction in the quark model 24B (1967) 106
Kajantie, K., see J. Finkelstein 26B (1967) 305
Kajantie, K., P.V. Ruuskanen, Diffraction dissociation multiplicity distribution 45B (1973) 149
Kajfosz, J., On the possibility of improving the accuracy of time-reversal invariance tests 24B (1967) 443
Kajfosz, J., see J. Honzátko 38B (1972) 499
Kajikawa, R., see S. Arai 40B (1972) 426
Kakauridze, C.D., see V.N. Bolotov 48B (1974) 280
Kakauridze, D.B., see V.I. Belousov 43B (1973) 76
Kaku, M., L. Yu, The general multi-loop Veneziano amplitude 33B (1970) 166
Kalbach, R., see W.F. Baker 28B (1969) 291
Kalbfleisch, G., R. Strand, V. Vanderburg, Formation of a mesonic state in the $\bar{p}p$ interaction at 1.32 GeV/c 29B (1969) 259
Kalbfleisch, G., see T. Eichten 46B (1973) 281
Kalbfleisch, G.R., see B.J. Blumenfeld 29B (1969) 58
Kalinkin, B.N., see A. Sobiczewski 22B (1966) 500
Kalinkin, B.N., see M.I. Chernej 27B (1968) 117
Kalinowski, H., see D.H.E. Gross 48B (1974) 302
Kalish, R., see L. Grodzins 24B (1967) 282
Kalish, R., see E.J. Ansaldo 30B (1969) 538
Kalish, R., see H.W. Kugel 32B (1970) 463
Kallio, A., B.D. Day, Accurate calculation of the reaction matrix in light nuclei 25B (1967) 72
Kallio, A., see A.M. Green 31B (1970) 189
Kallio, A., see P. Erkkilä 34B (1971) 5
Kallio, A., see C. Ciofi Degli Atti 36B (1971) 433
Källman, C.-G., see S.-O. Bäckman 43B (1973) 263
Kallosh, R.E., Connection between dispersion relations and current algebras 22B (1966) 519
Kalmus, G., see F. Bradamante 44B (1973) 202
Kalmus, P.I.P., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Kalogeropoulos, T., see S. Devons 47B (1973) 217
Kalogeropoulos, T.E., see Th. Papadopoulou 43B (1973) 401
Kalvius, G.M., S.L. Rudy, B.D. Dunlap, G.K. Shenoy, D. Cohen, M.B. Brodsky, Mössbauer isomer shift in ^{243}Am 29B (1969) 489
Kalvius, G.M., see P.B. Russell 32B (1970) 35
Kamae, T., see H. Hiramatsu 44B (1973) 50
Kamae, T., see C. Geweniger 48B (1974) 483
Kamath, S.G., A.N. Mitra, "Radius" model of baryon couplings 47B (1973) 155
Kamefuchi, S., see Y. Ohnuki 36B (1971) 51
Kamerdzhiev, S.P., Electric quadrupole transitions in ^{120}Sn and ^{208}Pb 47B (1973) 147
Kamitsubo, H., see M. Koike 26B (1967) 288
Kamitsubo, H., T. Wada, T. Fujisawa, M. Igarashi, Large-angle scattering of ^{3}He particles by ^{58}Ni 28B (1969) 408
Kammuri, T., S. Kusuno, Effect of the spin-dependent force on the moment of inertia 38B (1972) 5
Kammuri, T., S. Kusuno, S. Yamaji, The use of the angular momentum projection technique in two-nucleon transfer reactions on deformed nuclei 39B (1972) 327
Kammuri, T., see R.A. Broglia 45B (1973) 23
Kammuri, T., Decoupling in the positive parity bands in odd-mass Er isotopes 49B (1974) 332

Kan, K.-K., J.J. Griffin, Quantized friction and the correspondence principle: single particle with friction 50B (1974) 241
Kanarek, T., see Z.S. Strugalski 29B (1969) 518, 532
Kanarek, T., see O. Balea 39B (1972) 571
Kanarek, T., see Alma ... collaboration 48B (1974) 277
Kanarek, T.I., see V.V. Barmin 33B (1970) 377
Kanaris, A.D., see M.G. Albrow 33B (1970) 516; 40B (1972) 136; 42B (1972) 279
Kanavets, V., see C. Bruneton 44B (1973) 471
Kanazawa, A., M. Sugawara, Iterative determination of analytic continuation and its application to the pp forward amplitude 40B (1972) 265
Kanazirsky, Ch., see J.V. Beaupré 41B (1972) 393
Kancheli, O.V., see V.A. Abramovski 36B (1971) 565
Kane, F.R., see G.H. Miller 41B (1972) 50
Kane, F.R., M. Eckhause, G.H. Miller, B.I. Roberts, M.E. Vislay, R.E. Welsh, Muon capture rates on ^{16}O leading to bound states of ^{16}N 45B (1973) 292
Kane, G.L., see B.J. Hartley 39B (1972) 531
Kane, G.L., A simple description of high energy elastic scattering 40B (1972) 363
Kane, G.L., see J.B. Bronzan 49B (1974) 272
Kanestrøm, I., Calculated energies and branching ratios for the low-lying states in ^{23}Mg 35B (1971) 283
Kanellopoulos, E.-J., see H. Federsel 33B (1970) 140
Kanellopoylos, E.J., see W. Fetscher 34B (1971) 171; 35B (1971) 31
Kang, K., see T. Akiba 25B (1967) 35
Kang, K., see C.-L. Jen 38B (1972) 81
Kankeleit, E., see C. Gunther 22B (1966) 443
Kankeleit, E., see R. Baader 27B (1968) 425, 428
Kankeleit, E., M. Tomaselli, Nuclear magnetic polarization in muonic atoms 32B (1970) 613
Kankeleit, E., see H.K. Walter 38B (1972) 64
Kankeleit, E., see R. Link 42B (1972) 57
Kannenberg, S., see C.R. Gruhn 24B (1967) 266
Kanofsky, A., see D. Breskman 33B (1970) 309
Kanofsky, A.S., see K.F. Klenk 44B (1973) 383
Kantele, J., see C. Ellegaard 25B (1967) 512
Kantele, J., M. Valkonen, Mass number dependence of activation capture cross sections for 14 MeV neutrons 39B (1972) 625
Kantorovich, A., Y. Ne'eman, Modified vector dominance in the algebra of vertex strengths 30B (1969) 111
Kap-Herr, A.V., see O. Dragoun 29B (1969) 221
Kapitonov, I.M., see B.S. Ishkhanov 22B (1966) 301
Kapitza, S.P., see N.S. Rabotnov 26B (1967) 218
Kaplan, J.M., see J.-L. Gervais 21B (1966) 103
Kaplan, M., see M.V. Yester 45B (1973) 327
Kapoor, S.S., see V.S. Ramamurthy 42B (1972) 399
Käppeler, F., see R. Müller 48B (1974) 25
Karadjov, D., I.N. Mikhailov, J. Piperova, On the determination of the axial and non-axial deformability of rotating heavy nuclei 46B (1973) 163
Karimaki, V., see J.V. Beaupré 40B (1972) 510
Karl, G., see L.A. Copley 29B (1969) 117
Karliner, I., see F.J. Gilman 46B (1973) 426
Karlsson, E., see K. Johansson 22B (1966) 297

Karlsson, E., see A.J. Soinski 26B (1967) 440
Karlsson, S.E., S. Högberg, O. Nilsson, Precision measurements on the 296 keV and 316 keV transitions in ^{192}Pt 24B (1967) 148
Karmon, O., P.A. Deutchman, An energy-dependent model t-matrix for (p, 2p) reactions 31B (1970) 113
Karnakov, B.M., see A.B. Kaidalov 29B (1969) 372, 376
Karnicka, K., see M.G. Antonova 39B (1972) 282, 285
Karnicka, K., see J. Babecki 40B (1972) 507
Karol, P.J., see A.A. Caretto, Jr. 44B (1973) 459
Karol, P.J., see M.V. Yester 45B (1973) 327
Karow, P., see C. Driver 35B (1971) 77, 81
Karpekov, Yu.D., see V.I. Belousov 43B (1973) 76
Karpf, A.D., see S. Fenster 34B (1971) 415
Karpikhin, I.L., see Yu.G. Abov 27B (1968) 16
Karpikhin, I.L., see M.I. Bulgakov 42B (1972) 351
Karpov, I.I., see Yu.M. Antipov 29B (1969) 245; 30B (1969) 576
Karshon, U., see R. Barloutaud 26B (1968) 674
Karshon, U., see D.J. Crennell 28B (1969) 136
Karshon, U., see G. Yekutieli 34B (1971) 101
Karshon, U., see E. Hirsch 36B (1971) 139, 385
Karshon, U., see Y. Eisenberg 43B (1973) 149; 48B (1974) 354
Kartamyshev, A.A., K.N. Mukhin, A.S. Romantseva, M.M. Sulkovskaya, A.F. Sustavov, Two-prong events in π^-p interactions at 4.45 GeV/c 44B (1973) 310
Kartashov, G.R., see A.V. Davydov 30B (1969) 616
Kaschl, G.Th., G.J. Wagner, G. Mairle, U. Schmidt-Rohr, P. Turek, Shell effects in potential radii deduced from (d, ^{3}He) angular distributions 29B (1969) 167
Kashy, E., see N. Auerbach 36B (1971) 453
Kashy, E., see W. Benenson 43B (1973) 117
Kaspar, H., see K. Borer 29B (1969) 614
Kassis, N., H.A. Mavromatis, B. Singh, A third-order calculation of the ^{16}O binding energy and of the single-particle energies of ^{17}O 37B (1971) 15
Kast, J.W., see S.C. Cheng 34B (1971) 615
Kastrup, H.A., G. Mack, A method of determining electromagnetic form factors of nucleons by cosmic ray experiments 22B (1966) 331
Kastrup, H.A., Some astrophysical speculations about scaling in very high energy collisions 37B (1971) 521
Kasuga, T., see S. Arai 40B (1972) 426
Katayama, T., see M. Matoba 44B (1973) 159
Katkov, V.M., see V.N. Baier 49B (1973) 385
Kato, S., see B.A. Barnett 34B (1971) 655
Kato, S., see I. Endo 47B (1973) 469
Kato, S., see S. Kubono 49B (1974) 37
Katori, K., see N. Anantaraman 46B (1973) 67
Katou, T., see S. Nagamiya 33B (1970) 574
Katz, J., see H. Genz 39B (1972) 541
Katz, L., G. Ricco, T.E. Drake, H.S. Caplan, Threshold electrodisintegration of the deuteron at low momentum transfer 28B (1969) 114
Katz, Ph., see Aachen ... collaboration 49B (1974) 388
Katz, W.M., T. Ferbal, P.F. Slattery, H. Yuta, Search for π-ρ-resonances produced in 7 GeV/$c\pi^-$d interactions 31B (1970) 329

Kaufman, L., B.W. Gauld, V. Perez-Mendez, J.M. Sperinde, S.H. Williams, π^--helium inelastic interactions at 140 MeV 25B (1967) 536
Kaufmann, E.N., see S.K. Bhattacherjee 24B (1967) 651; 26B (1967) 583
Kaufmann, E.N., see J.D. Bowman 29B (1969) 226
Kaufmann, H.H., see J. Derre 50B (1974) 287
Kaul, G.L., see A. Gurtu 50B (1974) 391
Kaun, K.H., see G. Winter 33B (1970) 161
Kaun, K.-H., see P. Kemnitz 39B (1972) 179
Kaun, K.-H., see Yu.N. Rakivnenko 44B (1973) 462
Kaune, W.T., see J.C. Pratt 41B (1972) 383
Kaushal, N.N., see R.C. Martin 24B (1967) 33
Kaushal, R.S., Y.R. Waghmare, A selfconsistent calculation of the absorption of free pions followed by single-nucleon emission 31B (1970) 637
Kavanagh, R.W., see R.G. Miller 22B (1966) 461
Kavanagh, R.W., see D.R. Goosman 24B (1967) 507
Kawa, J., see K. Yagi 29B (1969) 647
Kawaguchi, M., H. Ohtsubo, Y. Sumi, Radiative pion capture in ^{16}O 27B (1968) 358
Kawai, M., see M. Ichimura 30B (1969) 143
Kawai, M., see T.F. O'Dwyer 41B (1972) 259
Kawai, M., see M. Igarashi 42B (1972) 323
Kawai, N., see H. Morinaga 25B (1967) 22
Kawai, N., see R. Chiba 28B (1969) 173
Kawakami, H., see M. Ishihara 35B (1971) 398
Kawakami, S., see M.R. Krishnaswamy 27B (1968) 535
Kawarabayashi, K., S. Kitakado, H. Yabuki, Veneziano's model and nonet scheme for 1^- and 2^+ mesons 28B (1969) 432
Kawarasaki, Y., see N. Shikazono 32B (1970) 473
Kay, M.E., see D.M. Binnie 27B (1968) 106; 36B (1971) 257
Kazakov, D.I., see V.V. Belokurov 47B (1973) 359
Kazarian, G.Kh., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301; 48B (1974) 463
Kazarinov, M., see C. Bruneton 44B (1973) 471
Kazarinov, Yu., see C. Bruneton 44B (1973) 471
Kazarinov, Yu.M., see J. Bystrický 28B (1969) 572
Kearny, P., see M. Dickinson 24B (1967) 596
Keddy, R.J., see P.W.M. Glaudemans 28B (1969) 645
Kekelidze, V.D., see Berlin ... collaboration 48B (1974) 257
Kekelidze, V.D., see K.F. Albrecht 48B (1974) 393
Keller, L.G., see G.R. Plattner 29B (1969) 301; 30B (1969) 327
Kelleter, H., see O. Aspelund 50B (1974) 441
Kellett, B.H., see A. Del Guerra 50B (1974) 487
Kelley, T.G., see E.M. Henley 22B (1966) 495
Kellner, G., see S. Brandt 22B (1966) 109, 230
Kellner, G., see M. Deutschmann 22B (1966) 112
Kellner, G., see J. Bartsch 22B (1966) 357; 27B (1968) 336; 28B (1969) 439; 33B (1970) 186
Kellner, G., see F. Crijns 22B (1966) 533
Kellner, G., see M. Aderholz 24B (1967) 434; 27B (1968) 174
Kellner, G., see J.V. Beaupré 37B (1971) 432; 41B (1972) 393
Kellner, G., see Aachen ... collaboration 49B (1974) 388

Kells, W., see H.G.E. Kobrak 43B (1973) 526
Kelly, G.N., see F. Ashton 29B (1969) 249
Kelly, R.L., Amplitude analysis of πN scattering at 6 GeV/c 39B (1972) 635
Kelly, W.H., see R.W. Goles 44B (1973) 59
Kelson, I., G.T. Garvey, Masses of nuclei with $Z > N$ 23B (1966) 689
Kelson, I., Preferred reactions for the formation of superheavy nuclei 27B (1968) 261
Kelson, I., Semi-classical estimate of critical charges in Coulomb fission 32B (1970) 445
Kelson, I., Y. Shoshani, Lowering of calculated fission barriers of superheavy nuclei 40B (1972) 58
Kemnitz, P., see G. Winter 33B (1970) 161
Kemnitz, P., L. Funke, K.-H. Kaun, H. Sodan, G. Winter, Evidence for mixing of rotational states differing by $\Delta K = 2, 3$ and 4 39B (1972) 179
Kemp, M.A.R., see A.T. Lea 29B (1969) 584
Kemp, M.A.R., D.L. Ward, π^-p elastic scattering from 1225 to 2070 MeV/c compared with phase shift analysis 31B (1970) 613
Kemp, M.A.R., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Kemper, K.W., R.G. Wilkinson, The inner bremsstrahlung correction to the first forbidden unique correlation in ^{144}Pr 27B (1968) 376
Kemper, K.W., see A.M. Aldridge 30B (1969) 165
Kendall, H.W., see J. Litt 31B (1970) 40
Kenny, M.J., see J.R. Bird 27B (1968) 638
Kenney, R.W., see D.S. Ayres 24B (1967) 483
Kenney, R.W., see J.E. Nelson 47B (1973) 281
Kenney, V.P., see I. Derado 24B (1967) 112
Kenney, V.P., see N.N. Biswas 27B (1968) 513
Kenney, V.P., see B.J. Deery 31B (1970) 82
Kenney, V.P., see P.H. Stuntebeck 32B (1970) 391
Kenney, V.P., see M. Alston-Garnjost 39B (1972) 402
Kenney, V.P., see K. Paler 48B (1974) 151
Kent, J.J., see K.P. Lieb 32B (1970) 273
Kent-Smith, R., see B. Müller 49B (1974) 219
Kenyon, I., see M.M. Block 26B (1967) 464
Kenyon, I.R., see A.M. Cnops 29B (1969) 45
Kephart, R., see S.R. Amendolia 48B (1974) 359
Kephart, R., see G. Finocchiaro 50B (1974) 396
Keppel, E., see J. Bartsch 22B (1966) 357; 27B (1968) 336; 28B (1969) 439
Keppel, E., see M. Aderholz 24B (1967) 434
Kerachev, P., see O. Balea 39B (1972) 571
Kerachev, P., see Alma ... collaboration 48B (1974) 277
Kerbikov, B.O., On the two-body mesonic nucleon-antinucleon annihilations 46B (1973) 248
Kerek, A., C.J. Herrlander, A. Luukko, M. Grecescu, A $\frac{9}{2}^-$ isomeric state in ^{123}Xe 31B (1970) 10
Kerek, A., G.B. Holm, L.-E. De Geer, S. Borg, The first excited state in the doubly-closed-shell nucleus ^{132}Sn populated in the 0.12 s β-decay of ^{132}In 44B (1973) 252
Keren, J., see M.M. Block 26B (1967) 464
Kerman, A.K., see J.E. Spencer 38B (1972) 289
Kermode, M.W., Effective-range theory and the ground state of ^{8}Be 24B (1967) 357
Kermode, M.W., The excited 4^+ states of ^{8}Be 25B (1967) 183
Kern, J., G. Mauron, B. Michaud, A new 15 min isomer in ^{142}Pr 24B (1967) 400
Kern, J., see W. Beer 47B (1973) 345

Kern, K.K., see H. Schröder 48B (1974) 206
Kern, W., see W. Bertram 21B (1966) 471
Kernan, A., see M. Ferro-Luzzi 34B (1971) 524
Kernan, A., see A.D. Brody 34B (1971) 665
Kernan, A., R.T. Poe, B.C. Shen, I. Butterworth, M. Ferro-Luzzi, H.K. Shepard, Duality and the role of daughters in $\bar{K}N \to \pi\Lambda$ 41B (1972) 163
Kernan, A., see Y.T. Oh 42B (1972) 497
Kernel, G., see U. Von Wimmersperg 33B (1970) 291
Kerr, E.C., see R.K. Walter 30B (1969) 626
Kerr, R.G., see R.D. Larsen 40B (1972) 360
Kerth, L.T., see A.R. Clark 41B (1972) 229
Kewley, D., see I.G. Main 26B (1967) 295
Key, A.W., see T.S. Yoon 24B (1967) 307
Key, A.W., see G. Conforto 45B (1973) 154
Keyes, G., see L.G. Hyman 25B (1967) 376
Keyne, J., see D.M. Binnie 36B (1971) 537; 39B (1972) 275
Keyser, R.M., R.A. Blue, H.R. Weller, The 21.7 and 22.1 MeV states in ^{17}O 34B (1971) 602
Keyworth, G.A., see J.C. Browne 28B (1969) 26
Khabakhpashev, A.G., see V.L. Auslander 25B (1967) 433
Khabakhpashev, A.G., see V.E. Balakin 34B (1971) 99, 328, 663; 37B (1971) 435; 40B (1972) 431
Khachaturyan, M.N., M.A. Azimov, A.M. Baldin, A.S. Belousov, I.V. Chuvilo, R. Firkowski, J. Hladky, M.S. Khvastunov, J. Manca, A.T. Matyushin, V.T. Matyushin, G.A. Ososkov, L.N. Shtarkov, L.I. Zhuravleva, Observation of the (e^+e^-)-decay modes of neutral vector mesons 24B (1967) 349
Khachaturyan, M.N., see R.G. Astvacaturoy 27B (1968) 45
Khachaturyan, M.N., see J. Hladky 31B (1970) 475
Khadkikar, S.B., see M.R. Gunye 30B (1969) 609
Khadkikar, S.B., see K.R. Sandhya Devi 32B (1970) 179
Khadkikar, S.B., S.C.K. Nair, S.P. Pandya, Shape mixing in ^{24}Ne 36B (1971) 290
Khadkikar, S.B., Alpha clustering in light nuclei with a Skyrme interaction 36B (1971) 451
Khakimov, S.Kh., see I.I. Gurevich 31B (1970) 394; 38B (1972) 549
Khan, A.M., see R.J. Blin-Stoyle 36B (1971) 202
Khan, M., see Y.N. Kim 40B (1972) 217
Khanh, N.H., see N. Armenise 25B (1967) 53
Khanna, F.C., O. Häusser, Magnetic properties of single particle states in the Pb-region 45B (1973) 12
Khanna, F.C., see M. Harvey 47B (1973) 8
Kharchenko, V.F., see A.G. Sitenko 21B (1966) 54; 28B (1969) 308
Kharchenko, V.F., N.M. Petrov, V.E. Kuzmichev, On the solution of the three-particle integral equations by the separable expansion method 32B (1970) 19
Kharchenko, V.F., S.A. Shadchin, S.A. Storozhenko, Short-range nucleon-nucleon repulsion and low-energy three-nucleon parameters 37B (1971) 131
Kharchenko, V.F., V.E. Kuzmichev, Bound states in a system of four identical particles 42B (1972) 328
Kharitonov, Yu.I., see I.M. Band 28B (1969) 313
Kharitonov, Yu.I., see V.N. Guman 28B (1969) 575
Kharitonov, Yu.I., L.K. Peker, L.A. Sliv, Some general properties of three and more particle states with large spin 31B (1970) 277
Kharkevitsch, G.I., see V.M. Lobashov 25B (1967) 104; 30B (1969) 39
Khatchaturov, B., see C. Bruneton 44B (1973) 471

Khodel, V.A., E.E. Saperstein, The long-range part of the effective interaction between quasi-particles in nuclei 29B (1969) 632
Khodel, V.A., see S.A. Fayans 30B (1969) 5; 31B (1970) 99
Khodel, V.A., On the evaluation of nuclear matrix elements of double β-decay 32B (1970) 583
Khodel, V.A., E.E. Saperstein, Method of calculating low-lying spectra in spherical nuclei 36B (1971) 429
Khodirev, Y.C., see A.A. Derevchekov 48B (1974) 367
Khodirev, Yu.S., see Yu.B. Bushnin 29B (1969) 48
Khodyrev, Yu.S., see Yu.M. Antipov 30B (1969) 576
Khodyrev, Yu.S., see S.V. Golovkin 42B (1972) 136
Khomasuridze, C., see O. Balea 39B (1972) 571
Khomich, A.A., see V.M. Khvastunov 28B (1969) 119
Khoruzby, S.S., Weak local commutativity in nonrenormalizable theories 26B (1967) 17
Khoshmukhamedov, T., see E.V. Anzon 31B (1970) 237, 241
Khoshumkhamedov, R., see M.G. Antonova 39B (1972) 282, 285
Khovansky, D.N., see A.E. Asratyan 49B (1974) 488
Khovansky, V.D., see Yu.D. Bayukov 33B (1970) 416
Khovansky, V.D., see V.S. Kaftenov 40B (1972) 215
Khoze, V.A., see I.I. Goldman 29B (1969) 426
Khoze, V.A., see A.B. Kaidalov 45B (1973) 493
Khriplovich, I.B., L.B. Okun, *T*-odd correlations in weak decays and electromagnetic properties of hadrons 24B (1967) 672
Khromov, V.P., see Yu.M. Antipov 29B (1969) 245; 34B (1971) 164
Khromov, V.P., see F. Binon 30B (1969) 510
Khrylin, B.A., M.V. Zhukov, ΛN and ΛΛ interaction and structure of hypernuclei 29B (1969) 538
Khrylin, B.A., Low energy Λ-^{4}He scattering 35B (1971) 191
Khrylin, B.A., A.B. Kochetov, Analysis of the p- and s-d-shell Λ-hypernuclei 42B (1972) 38
Khudaverdian, A.G., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301; 48B (1974) 463
Khurshoodian, L.S., see L.O. Abrahamian 38B (1972) 544
Khurshudian, L.S., see L.O. Abrahamian 44B (1973) 301; 48B (1974) 463
Khvastunov, M.S., see M.N. Khachaturyan 24B (1967) 349
Khvastunov, M.S., see R.G. Astvacaturov 27B (1968) 45
Khvastunov, M.S., G.I. Kopylov, Lorentz-factor as a tool to identify resonances 27B (1968) 653
Khvastunov, M.S., see J. Hladky 31B (1970) 475
Khvastunov, V.M., see I.S. Gulkarov 27B (1968) 417
Khvastunov, V.M., N.G. Afanasyev, V.D. Afanasyev, I.S. Gulkarov, A.S. Omelaenko, G.A. Savitsky, A.A. Khomich, N.G. Shevchenko, Electron elastic scattering on nickel and tin isotopes 28B (1969) 119
Kiang, D., On the effect of velocity dependence in nucleon-nucleon interactions 24B (1967) 132
Kienle, P., see E. Steichele 21B (1966) 220
Kienle, P., see W. Henning 22B (1966) 446; 31B (1970) 203
Kienle, P., see H. Prange 23B (1966) 681
Kienle, P., see H. Schaller 24B (1967) 397
Kienle, P., see P. Steiner 24B (1967) 515
Kienle, P., see F. Wagner 25B (1967) 253; 28B (1969) 548
Kienle, P., see R.F. Casten 32B (1970) 45
Kienle, P., see H. Bohn 32B (1970) 346
Kienle, P., see G. Eska 36B (1971) 328

Kienle, P., see C.V.K. Baba 43B (1973) 483
Kienzle, W., see G. Chikovani 22B (1966) 233; 23B (1966) 157; 25B (1967) 44
Kienzle, W., see B. Levrat 22B (1966) 714
Kienzle, W., see H. Benz 28B (1969) 233
Kienzle, W., see G.E. Chikovani 28B (1969) 526
Kienzle, W., see R. Baud 30B (1969) 129; 31B (1970) 397, 401, 549
Kienzle, W., see Y.M. Antipov 40B (1972) 147
Kienzle-Focacci, M.N., see Y.M. Antipov 40B (1972) 147
Kikkawa, K., H. Sato, Nonhadronic interactions in the dual resonance model 32B (1970) 280
Kikkawa, K., H. Sato, Erratum, 32B (1970) 280 33B (1970) 540
Kikuchi, R., see Y. Hemmi 32B (1970) 137
Kikuchi, R., see D.R. Botterill 45B (1973) 405
Kikuchi, T., see C.Y. Chang 23B (1966) 702
Kilgren, L.M., see M.V. Barnhill 47B (1973) 159
Kilian, K., see D. Fick 47B (1968) 366
Kilian, K., H. Treiber, R. Strausz, D. Fick, Levels in ^{5}He excited in the elastic d-^{3}H scattering 34B (1971) 283
Kilian, K., see M.A. Faessler 46B (1973) 468
Kim, C., see M.B. Epstein 36B (1971) 305
Kim, C.C., S.M. Bunch, D.W. Devins, H.H. Forster, Excited levels in ^{3}He 22B (1966) 314
Kim, C.C., see C.C. Chang 28B (1969) 175
Kim, C.C., see M. Furić 39B (1972) 629
Kim, C.W., M. Ram, Relation between cross sections for elastic neutrino and antineutrino scattering by nuclei from algebra of charges 27B (1968) 306
Kim, C.W., S.L. Mintz, Muon-capture rate in ^{6}Li and the PCAC hypothesis 31B (1970) 503
Kim, C.W., Test of second class current in nuclear beta-decay 34B (1971) 383
Kim, C.W., see L. Armstrong Jr. 41B (1972) 39
Kim, C.W., see K. Kubodera 43B (1973) 275
Kim, H., Problems in applying N-N interaction in many body problems 37B (1971) 347
Kim, H.J., see S. Raman 44B (1973) 255
Kim, K.J., Y.S. Tsai, An improved Weizsacker Williams method and photoproduction of lepton pairs 40B (1972) 665
Kim, Y.E., Comparison of solutions of the Faddeev equation with variational results for a Yuakawa potential 29B (1969) 411
Kim, Y.E., see E. Fischbach 38B (1972) 8
Kim, Y.E., A. Tubis, Calculation of trinucleon binding energies and charge form factors using the boundary condition model 38B (1972) 354
Kim, Y.E., see E.P. Harper 40B (1972) 533
Kim, Y.E., see R.A. Brandenburg 49B (1974) 205
Kim, Y.N., M. Khan, Analysis of muonic X rays in terms of equivalent radius 40B (1972) 217
Kim, Y.S., see T.F. Hoang 25B (1967) 615
Kimel, J.D., see B.G. Reynolds 24B (1967) 311
Kimel, J.D., E. Reya, Absorption model amplitude analysis for the reaction $\pi^- p \to \pi^- \pi^+ n$ at 17.2 GeV/c 42B (1972) 249
Kim Hi In, see E.G. Bubelev 24B (1967) 246
Kimura, M., see Y. Horikawa 36B (1971) 9
Kimura, Y., see M.G. Albrow 34B (1971) 337; 35B (1971) 247
Kimura, Y., see M. Fukugita 36B (1971) 575

King, A.F., see T.A. Armstrong 34B (1971) 535
King, C.H., see L.J. McVay 43B (1973) 119
King, J.D., see H.W. Taylor 24B (1967) 659
King, M.J., see M.L. Blackmon 35B (1971) 44
King, N.S., see L. Marshall Libby 28B (1969) 465
King, R.L., C.H. Liu, H.H. Stroke, O. Redi, Nuclear magnetic moment of ^{203}Hg by optical pumping 31B (1970) 567
King, W.C., see P. Sioshansi 39B (1972) 343
Kingsley, R.L., The $\Delta I = \frac{1}{2}$ rule in the three-triplet and paraquark models 40B (1972) 387
Kingston, F.G., R.J. Griffiths, A.R. Johnston, W.R. Gibson, E.A. McClatchie, The $T = 2$ isobaric multiplet at mass 24 22B (1966) 458
Kingston, F.G., see J.C. Hafele 31B (1970) 17, 572
Kingston, F.G., see C.B. Fulmer 32B (1970) 454
Kino, S., see M.R. Krishnaswamy 27B (1968) 535
Kinoshita, T., R.J. Oakes, Hadronic contributions to the muon magnetic moment 25B (1967) 143
Kinsey, R., see T.H. Tan 28B (1969) 195
Kinsey, R.R., see W.E. Ellis 32B (1970) 140, 641
Kinsey, R.R., see R.S. Panvini 38B (1972) 55
Kinson, J.B., see J.A. Danysz 24B (1967) 309
Kinson, J.B., see H.W. Atherton 30B (1969) 494; 43B (1973) 249
Kinson, J.B., see J.N. Carney 42B (1972) 124
Király, P., A.W. Wolfendale, Background effects in the search for quarks 31B (1970) 410
Király, P., A.W. Wolfendale, Rate of energy loss and sea-level spectrum of muons above 1000 GeV 32B (1970) 510
Kirichenko, N.A., see A.B. Migdal 50B (1974) 411
Kirillov, A.I., Yu.M. Shirokov, V.E. Troitski, Asymptotic behaviour of the composite nucleon form factors 39B (1972) 249
Kirillova, L.F., see G.G. Beznogikh 30B (1969) 274; 39B (1972) 411
Kirilyuk, V., see A. Babaev 38B (1972) 342
Kirk, F.W.K., see G.W. Cole Jr. 30B (1969) 91
Kirk, H., see J.V. Beaupré 37B (1971) 432; 40B (1972) 510; 41B (1972) 393
Kirk, P., see D. Scipione 42B (1972) 489
Kirk, T., see J. Marx 32B (1970) 219
Kirk, T., see A. Scribano 32B (1970) 224
Kirkby, J., see M.R. Jane 48B (1974) 260, 265
Kirkman, H.C., R. Railton, J.G. Rutherglen, A.S. Watson, G.R. Brookes, W.R. Hogg, G.M. Lewis, M.N. Prentice, K.M. Smith, F.H. Combley, G.H. Eaton, J.H. Freeland, W. Galbraith, J.E. Shaw, Measurements of the polarisation of the recoil proton in elastic electron proton scattering at $q^2 = 1.3$, 1.5 and 1.9 $(\mathrm{GeV}/c)^2$ 32B (1970) 519
Kirkpatrick, L.D., see D.B. Bastien 50B (1974) 290
Kirsch, L., see C. Baltay 25B (1967) 160
Kirson, M.W., see B.R. Barrett 27B (1968) 544; 30B (1969) 8; 31B (1970) 642
Kirson, M.W., The overcounting problem for Brueckner reaction-matrix ladders 32B (1970) 33
Kirson, M.W., see J. Rajewski 38B (1972) 162
Kirson, M.W., Spin-tensor decomposition of nuclear effective interactions 47B (1973) 110
Kirson, M.W., see I. Eisenstein 47B (1973) 315
Kirsopp, R.G., see A. Donnachie 26B (1967) 161
Kirwan, D., see K. Hartt 30B (1969) 591

Kirz, J., Comparison of quark model predictions with experiment for $\bar{p}p$ annihilation 22B (1966) 524
Kirz, J., see J.S. Danburg 30B (1969) 270
Kirz, J., see H.R. Blieden 39B (1972) 668
Kirzhnits, D.A., A.D. Linde, Macroscopic consequences of the Weinberg model 42B (1972) 471
Kirzon, Z., see A. Dar 37B (1971) 166
Kish, G., see V.K. Birulev 38B (1972) 452
Kisielewska, D., see J. Bartke 24B (1967) 118, 163
Kisielewska, D., see J.V. Beaupré 34B (1971) 160
Kisielewska, D., see Aachen ... collaboration 49B (1974) 388
Kislinger, M.B., Theoretical framework for final state production in deep inelastic lepton-hadron scattering 46B (1973) 225
Kiss, D., see O. Balea 39B (1972) 571
Kiss, D., see Berlin ... collaboration 48B (1974) 257
Kiss, D., see Alma ... collaboration 48B (1974) 277
Kiss, D., see K.F. Albrecht 48B (1974) 393
Kissener, H.R., L. Münchow, Comparison of projected BCS solutions with exact ones for charge-independent ($J = 0$, $T = 1$) pairing interaction 25B (1967) 493
Kissener, H.R., Behaviour of projected BCS solutions at the critical point 26B (1967) 346
Kisslinger, L.S., Magnetic dipole moment of the deuteron and the D*-state components 29B (1969) 211
Kisslinger, L.S., Analysis of p-^{3}He elastic scattering using analyticity 47B (1973) 93
Kisslinger, S., Spectator isobar production with a deuteron target 48B (1974) 410
Kistenev, E., see O. Balea 39B (1972) 571
Kistenev, E.P., see V.V. Ammosov 42B (1972) 519
Kistenev, E.P., see V.A. Burnazshnov 50B (1974) 283
Kistenev, E.P., see J. Derre 50B (1974) 287
Kitakado, S., see k. Kawarabayashi 28B (1969) 432
Kitching, J.E., see W.G. Davies 27B (1968) 363
Kitching, J.E., see W. McLatchie 30B (1969) 529
Kitching, J.E., see R. Chapman 31B (1970) 292
Kitching, J.E., W. Darcey, W.G. Davies, W. McLatchie, J.M. Morton, The conservation of seniority in the $1g_{9/2}$ neutron shell 32B (1970) 343
Kittel, W., G. Otter, I. Wacek, The K^- proton charge exchange interactions at low energies and scattering lengths determination 21B (1966) 349
Kittel, W., G. Otter, $\bar{K}N$ effective range approximation 22B (1966) 115
Kittel, W., G. Otter, I. Wacek, Erratum 22B (1966) 240
Kittel, W., see J. Bartsch 27B (1968) 336; 28B (1969) 439
Kittel, W., see J.V. Beaupré 34B (1971) 160; 37B (1971) 432; 41B (1972) 393
Kittel, W., see K. Boesebeck 34B (1971) 659
Kittel, W., see Aachen ... collaboration 49B (1974) 388
Kivikas, T., see P. Dougan 46B (1973) 359; 49B (1974) 194
Kjelberg, A., see P.G. Hansen 28B (1969) 415, 596, 663
Kladnitskaya, E., see O. Balea 39B (1972) 571
Kladnitskaya, E., see Alma ... collaboration 48B (1974) 277
Kladnitsky, V.S., see G. Bozóki 28B (1969) 360
Klanner, R., see H. Benz 28B (1969) 233
Klanner, R., see R. Baud 30B (1969) 129; 31B (1970) 397, 401, 549
Klanner, R., see Y.M. Antipov 40B (1972) 147
Klapdor, H.V., Hindrance of M1 transitions from analogue to antianalogue states in f-p shell nuclei as an effect of the $f\frac{7}{2}$ proton shell 35B (1971) 405

Klapdor, H.V., H. Reiss, G. Rosner, M. Schrader, Spectroscopy with high spin selective compound reactions induced by heavy ions 49B (1974) 431
Klapisch, R., see J. Chaumont 29B (1969) 652
Klapisch, R., see B.L. Tracy 34B (1971) 277
Klarsfeld, S., A. Maquet, Bethe sums for Lamb shift calculations in higher excited states 43B (1973) 201
Klauder, J.R., Remarks on nonrenormalizable interactions 47B (1973) 523
Kleber, M., On the convergence of Marumori's boson expansion for pairing vibrations 30B (1969) 588
Kleber, M., R. Beck, Some new aspects in the quasiclassical theory of heavy-ion transfer reactions 43B (1973) 98
Klein, A., see L.S. Celenza 23B (1966) 241
Klein, A., see R.M. Dreizler 28B (1969) 579; 30B (1969) 236
Klein, A., see G.J. Dreiss 29B (1969) 465
Klein, A., R.M. Dreizler, T.K. Das, Equivalence and theoretical foundation of recent phenomenological descriptions of rotational bands in deformed nuclei 31B (1970) 333
Klein, A., see S.Y. Li 32B (1970) 169
Klein, A., see T.K. Das 34B (1971) 235
Klein, A., see M. Vallieres 41B (1972) 125
Klein, A., see P.K. Chattopadhyay 42B (1972) 315
Klein, A., J. Rafelski, On contributions to the pion-nucleus optical potential non-linear in nuclear density: the Ericson–Ericson Lorentz–Lorentz correction 49B (1974) 318
Klein, N., see R. Barloutaud 26B (1968) 674
Klein, R.H., see L.L. Foldy 24B (1967) 540
Klein, S., see T.H. Tan 28B (1969) 195
Kleinert, H., F. Steiner, P. Weisz, Do present meson baryon scattering data really support $(\bar{3},3)+(3,\bar{3})$ dominance in SU(3) × SU(3) symmetry breaking? 34B (1971) 312
Kleinert, H., H., see J. Baacke 35B (1971) 159
Kleinert, H., Algebraization of Regge couplings 39B (1972) 511
Kleinheinz, P., see K. Nakai 44B (1973) 443
Kleinknecht, K., see C. Alff-Steinberger 21B (1966) 595
Kleinknecht, K., see B. Bennett 27B (1968) 244
Kleinknecht, K., see A. Böhm 27B (1968) 321, 594
Kleinknecht, K., see P. Darriulat 29B (1969) 132; 30B (1969) 209
Kleinknecht, K., see H. Faissner 30B (1969) 204
Kleinknecht, K., see H. Foeth 30B (1969) 276, 282; 31B (1970) 544
Kleinknecht, K., Pomeranchuk theorem and K_L-K_S regeneration 30B (1969) 514
Kleinknecht, K., Erratum 31B (1970) 681
Kleinknecht, K., see M. Cullen 32B (1970) 523
Kleinknecht, K., see V. Bisi 36B (1971) 533
Kleinknecht, K., see S. Gjesdal 40B (1972) 152; 44B (1973) 217
Kleinknecht, K., see C. Geweniger 48B (1974) 483, 487
Klemme, B., P. Herzog, G. Schäfer, R. Folle, G. Netz, The quadrupole moment of the 535 keV state of ^{133}La 45B (1973) 38
Klempts, E., see J. Bailey 50B (1974) 403
Klemt, V., J. Speth and K. Göke, Isomeric shift and magnetic hyperfine splitting of muonic atoms in the lead region 33B (1970) 331
Klenk, K.F., A.S. Kanofsky, Multiple quark scattering and the changing slope of $d\sigma/dt$ in the small $|t|$ region 44B (1973) 383
Kliger, G.K., see I.A. Vetlitsky 21B (1966) 579

Kliger, G.K., see M.S. Dubovikov 23B (1966) 716
Kliger, G.K., see V.M. Guzhavin 23B (1966) 719
Klimenko, S., see O. Balea 39B (1972) 571
Klimenko, S.V., see G. Bozóki 28B (1969) 360
Klimenko, S.V., see V.V. Ammosov 42B (1972) 519
Klinger, W., see J. Christiansen 44B (1971) 501
Klobuchar, R.L., see A.A. Caretto, Jr. 44B (1973) 459
Klobuchar, R.L., see M.V. Yester 45B (1973) 327
Klöckner, J., see F. Wagner 25B (1967) 253
Kloet, W.M., J.A. Tjon, Neutron-deuteron scattering with local potentials 37B (1971) 460
Kloet, W.M., J.A. Tjon, Meson exchange effects on the charge form factors of the tri-nucleon system 49B (1974) 419
Klovning, A., see J.V. Allaby 25B (1967) 156; 27B (1968) 49; 28B (1969) 67, 229; 29B (1969) 198; 30B (1969) 500, 549; 33B (1970) 429; 34B (1971) 431
Klovning, A., see U. Amaldi 34B (1971) 435
Klovning, A., see B. Alper 44B (1973) 521, 527; 46B (1973) 265; 47B (1973) 75, 275
Kluberg, A., see T. Eichtern 27B (1968) 586; 40B (1972) 593; 46B (1973) 274, 281
Kluberg, L., see D. Haidt 29B (1969) 691, 696
Kluberg, L., see H.J. Steiner 36B (1971) 521
Kluberg, L., see F.J. Hasert 46B (1973) 121, 138
Kluge, E., see H.G. Dosch 21B (1966) 236
Kluge, E., see R. Engelmann 21B (1966) 587
Kluge, E., see R. Armenteros 24B (1971) 453; 38B (1972) 555
Kluge, E., see R. Armenteros 24B (1967) 198; 28B (1969) 521
Kluge, E.E., see P. Baillon 35B (1971) 453; 38B (1972) 555
Kluge, E.E., see B.N. Ratcliff 38B (1972) 345
Kluge, G., P. Manakos, Positive parity states in ^{16}O 29B (1969) 277
Kluge, Gy., A. Lajtai, Average number and energy of prompt neutron from fission 27B (1968) 65
Kluge, Gy., A. Lajtai, On the average characteristics of prompt neutron emission from fission 30B (1969) 311
Kluge, Gy., On the emission of prompt fission neutrons 37B (1971) 217
Kluge, H., see W. Bohne 47B (1973) 342
Kluge, H., see H. Fuchs 49B (1974) 447
Kluge, H.-J., see J. Bonn 36B (1971) 41; 38B (1972) 308
Kluge, W., see H. Brückmann 24B (1967) 649; 30B (1969) 460
Klugow, J., see M. Deutschmann 22B (1966) 112
Klugow, J., see J. Bartsch 22B (1966) 357; 33B (1970) 186
Klugow, J., see F. Crijns 22B (1966) 533
Klugow, J., see M. Aderholz 24B (1967) 434
Klugow, J., see J.V. Beaupré 34B (1971) 160
Klugow, J., see V.A. Bumazshnov 50B (1974) 283
Kluyver, J.C., see R. Barloutaud 26B (1968) 674
Kluyver, J.C., see G. Giacomelli 31B (1970) 321; 33B (1970) 373
Kluyver, J.C., see W. Hoogland 33B (1970) 631
Klyucharev, A.P., see Yu.N. Rakivnenko 44B (1973) 462
Knaak, S., G. Süssmann, E. Hilf, H. Büttner, Surface tension of nuclear matter 23B (1966) 711
Knapek, E., R. Simon, R.S. Raghavan, H.J. Körner, Nuclear g-factor of the 322 keV intruder state in ^{125}Te 29B (1969) 581

Knasel, T.M., J.K. Walker, An accurate determination of the total pair production cross section in carbon, aluminium, copper and lead for photons from 1.200 to 4.050 GeV 27B (1968) 103
Knasel, T.M., Determination of the real part of the *p*-nucleon scattering amplitude 33B (1970) 225
Kneissl, U., G. Kuhl, A. Weller, Indications of E2 admixtures in the electro-fission of uranium 49B (1974) 440
Kniess, G., Application of the optical theorem for quasi-elastic scattering to the photoproduction of vector mesons 27B (1968) 288
Knight, J.D., see D.C. Williams 22B (1966) 162
Knight, J.M., J.S. O'Connell, F. Prats, A zero-range treatment of the three-body photodisintegration cross section of ^{3}H and ^{3}He 22B (1966) 322
Knight, J.M., J.S. O'Connell, F. Prats, Erratum 23B (1966) 491
Knight, W.L., see M.J. Esten 24B (1967) 115
Knight, W.L., see K.D. Billing 25B (1967) 435
Knight, W.L., see C. Mayeur 33B (1970) 441
Knight, W.L., see W. Schweinberger 36B (1971) 246
Knight, W.L., see P. Beillière 39B (1972) 671
Knight, W.L., see G. Wilquet 42B (1972) 372
Knissel, G., see U. Hauser 24B (1967) 232
Knoll, G.F., see W.B. Gilboy 21B (1966) 432
Knop, G., see Chr. Berger 28B (1969) 276; 35B (1971) 87
Knop, G., see K. Bätzner 39B (1972) 575
Knop, G., see G. Von Holtey 40B (1972) 589
Knütel, J., see H. Bienlein 46B (1973) 131
Ko, C.M., H.C. Pauli, M. Brack, G.E. Brown, A new approach to deformation energy calculations 45B (1973) 433
Ko, W., see W.F. Buhl 48B (1974) 388
Koba, Z., see J. Børneboe 34B (1971) 638
Koba, Z., H.B. Nielsen, P. Olesen, Scaling in semi-inclusive experiments 38B (1972) 25
Kobayakawa, H., see S. Arai 40B (1972) 426
Kobayashi, S., see Y. Hemmi 43B (1973) 79
Kobe, P., see K. Boesebeck 34B (1971) 659
Köberle, R., Three pion production in electron colliding beams 38B (1972) 169
Kobetich, E.J., see D. O'Sullivan 34B (1971) 49
Kobos, A., see A. Budzanowski 44B (1973) 249
Kobrak, H., see D. Scipione 42B (1972) 489
Kobrak, H.G.E., R.A. Swanson, D. Favart, W. Kells, A. Magnon, P.M. McIntyre, J. Roehrig, D.Y. Stowell, V.L. Telegdi, M. Eckhause, A new precision measurement of the muonium hyperfine interval in argon 43B (1973) 526
Kobrinsky, M.N., see V.V. Anisovich 46B (1973) 419
Kobsarev, I.Yu., L.B. Okun, Remark on the model W ≡ a 27B (1968) 172
Kobsarev, I.Yu., V.I. Zakharov, Divergence condition for the soft graviton emission amplitude 30B (1969) 488
Kobsarev, I.Yu., see V.N. Gribov 32B (1970) 129, 724
Kobsarev, I.Yu., L.B. Okun, Ya.B. Zeldovich, Spontaneous *CP*-violation and cosmology 50B (1974) 340
Kocbach, L., P. Vogel, Branching ratios for E1 transitions deexciting the octupole states in even-even deformed nuclei 32B (1970) 434
Koch, H., see G. Backenstoss 25B (1967) 365, 547; 32B (1970) 399; 33B (1970) 230; 36B (1971) 403, 422; 38B (1972) 181; 41B (1972) 552; 43B (1973) 431, 539

Koch, H., see H. Daniel 26B (1967) 281
Koch, H., see G. Poelz 26B (1967) 331
Koch, H., see H. Schmitt 27B (1968) 530
Koch, H., G. Poelz, H. Schmitt, L. Tauscher, G. Backenstoss, S. Charalambus, H. Daniel, Intensities of mesonic 2p-1s X-rays in N, ^{16}O, ^{18}O, F, and Na 28B (1969) 279
Koch, H., M. Krell, Ch.V.D. Malsburg, G. Poelz, H. Schmitt, L. Tauscher, G. Backenstoss, S. Charalambus, H. Daniel, Pionic 2p level widths in light nuclei 29B (1969) 140
Koch, H., see A. Bamberger 33B (1970) 233
Koch, H., see H.P. Povel 33B (1970) 620
Koch, W., see B.D. Hyams 24B (1967) 634; 29B (1969) 128, 521
Koch, W., see G. Grayer 34B (1971) 333; 35B (1971) 610; 39B (1972) 563
Kocharov, G.E., see B.P. Konstantinov 27B (1968) 30
Kochetov, A.B., see B.A. Khrylin 42B (1972) 38
Kochowski, C., see F. Conte 22B (1966) 702
Kodama, T., K. Takahashi, On the delayed neutrons at the final stage of the R-process 43B (1973) 167
Koehler, P.F.M., see B.A. Barnett 34B (1971) 655
Koersner, I., see W. Ebenhöh 49B (1974) 137
Koester, L., see W. Dilg 36B (1971) 208
Koetke, D., see M.M. Block 26B (1967) 464
Koetke, D., see D. Swanson 48B (1974) 479
Koetz, U., see R.M. Brown 42B (1972) 117
Kofoed-Hansen, O., see J.V. Allaby 30B (1969) 549
Kofoed-Hansen, O., see G.V. Bochman 33B (1970) 222
Kofoed-Hansen, O., see K. Gottfried 41B (1972) 195
Kogan, E., see H.H. Bingham 41B (1972) 635
Kögerler, R., see L. Gálfi 36B (1971) 218
Kogut, J., G. Frye, L. Susskind, Hard and soft processes in hadrodynamics 40B (1972) 469
Kohli, J., see Alma ... collaboration 48B (1974) 277
Kohli, J.M., see M.G. Antonova 39B (1972) 282, 285
Kohlmeyer, B., see H.G. Bohlen 41B (1972) 425
Kohlmeyer, B., see W.F.W. Schneider 46B (1973) 195
Kohly, J., see O. Balea 39B (1972) 571
Kohvansky, V.D., see A.O. Aganyants 27B (1968) 590
Koički, S., T.A. Koster, R. Pollak, D. Quitmann, D.A. Shirley, Perturbed angular correlations in ferromagnets: the ^{100}RhNi case 32B (1970) 351
Koike, M., I. Nonaka, J. Kokame, H. Kamitsubo, Y. Awaya, T. Wada, H. Nakamura, Collective states of ^{114}Cd excited by inelastic scattering of 55 MeV protons 26B (1967) 288
Kojima, Y., see Y. Horikawa 36B (1971) 9
Kok, L.P., see S. Ali 24B (1967) 543
Kok, L.P., F.A. Van der Ploeg, J.M. Greben, *S*-matrix pole trajectories in the *N*/*D* approach 40B (1972) 300
Kokame, J., see M. Koike 26B (1967) 288
Kokame, J., see H. Taketani 27B (1967) 625
Kokame, J., see T. Suehiro 33B (1970) 468
Kokkedee, J.J.J., Quark model and relations between high energy scattering amplitudes 22B (1966) 88
Kokkedee, J.J.J., L. Van Hove, Discontinuity in large angle-proton scattering and production of anti-baryons 25B (1967) 228
Kolař, H., see H.G. Hilpert 23B (1966) 707

Kolata, J.J., P. Shapiro, L.S. August, Spin and parity of the 1644 keV state in ^{40}K 32B (1970) 277
Kölbig, K.S., B. Margolis, Regge cuts, multiple scattering and the pomeron slope 31B (1970) 20
Kolganov, V.Z., see I.A. Vetlitsky 21B (1966) 579
Kolganov, V.Z., see M.S. Dubovikov 23B (1966) 716
Kolganov, V.Z., see V.Z., see V.M. Guzhavin 23B (1966) 719
Kolk, B., see F. Pleiter 34B (1971) 296
Kollmann, W.-D., see P. Brauel 45B (1973) 389; 50B (1974) 507
Kolltveit, K., Transfer reactions on pseudonium isotopes 30B (1969) 386
Kolltveit, K., see R.A. Broglia 37B (1971) 441
Kolltveit, K., R. Muthukrishnan, R. Trilling, Effective two-nucleon interaction from an analysis of the ^{16}O(t, p)^{18}O reaction 26B (1967) 423
Koltun, D.S., see P. Goode 39B (1972) 159
Koltun, D.S., see F. Myhrer 46B (1973) 322
Kolybasov, V.M., I.S. Shapiro, On the three-particle knock-out reactions with polarized targets 25B (1967) 497
Kolybasov, V.M., On comparison of the absolute values of cross sections for the reactions ^{12}C(π^-, π^-n)^{11}C and ^{12}C(π^+, π^+n)^{11}C 27B (1968) 3
Kolybasov, V.M., see A.O. Aganyants 27B (1968) 590
Kolybasov, V.M., N.Ya. Smorodinskaya, On the mechanism of the reactions (π, πN) on light nuclei 30B (1969) 11
Kolybasov, V.M., see Yu.D. Bayukov 33B (1970) 416
Kolybasov, V.M., N.Ya. Smorodinskaya, Elastic pd-scattering at high energies 37B (1971) 272
Kolybasov, V.M., L.A. Kondratyuk, On the accuracy of Glauber approximation in intermediate energy region 39B (1972) 439
Komaki, K., see M. Maruyama 29B (1969) 414
Komaki, K., F. Fujimoto, H. Nakayama, M. Ishii, K. Hisatake, Measurement of the reaction time for the ^{27}Al(p, α)^{24}Mg reaction by the use of blocking effect 38B (1972) 218
Komar, A.P., see B.D. Grachyov 22B (1966) 498
Komarov, V.V., A.M. Popova, On the integral equations for the nonrelativistic scattering amplitudes 28B (1969) 476
Komarov, V.V., H.A. Salman, Two-particle resonance narrowing in three-particle nuclear reactions 31B (1970) 52
Komarov, V.V., S.G. Serebrjakov, A.M. Popova, Some evidence for the convergence of the infinite series of non-relativistic graph contributions for the (n–d) elastic scattering amplitude 34B (1971) 275
Kömpf, R., Two states in ^{21}Ne at 2.80 MeV excitation energy 21B (1966) 671
Kondo, K., see J. Sanada 39B (1972) 509
Kondratiev, L.N., see V.V. Barmin 32B (1970) 377
Kondratjev, L.N., see G.K. Bisheva 24B (1967) 533
Kondratjev, L.N., see Y.D. Bajukov 24B (1967) 598
Kondratyuk, L.A., L.A. Ponomarev, V.I. Zakharov, The decay $K_2^0 \to \pi^+\pi^- e^+e^-$ and the radius of K_2^0–K_1^0 electromagnetic transition 27B (1968) 655
Kondratyuk, L.A., see V.M. Kolybasov 39B (1972) 439
Kondurov, I.A. see A.A. Vorobiev 30B (1969) 332
Kondurov, I.A., see A.A. Vorobyov 40B (1972) 102
Konecny, E., see H.J. Specht 41B (1972) 43
Konecny, E., H.J. Specht, J. Weber, Symmetric and asymmetric fission of Ac isotopes near the fission threshold 45B (1973) 329

König, J., see J. Engler 27B (1968) 599; 28B (1969) 64; 29B (1969) 321
König, V., see W. Grüebler 24B (1967) 280; 36B (1971) 337
Konijn, J., B.J. Meijer, G. Van Middelkoop, Evidence for dipole-quadrupole-octupole mixing in the 902 keV $2^- \rightarrow 2^+$ transition in ^{180}W 35B (1971) 567
Koniordos, I., see G. Eisele 28B (1969) 256
Konishi, K.I., F. Orsitto, Possible duality aspects in e^+e^- annihilation processes 48B (1974) 457
Konoplev, N.S., see V.V. Barmin 33B (1970) 377
Konrad, P., see P. Sperr 49B (1974) 345
Konstantinov, B.P., G.E. Kocharov, Yu.N. Starbunov, O.S. Zhuravlev, On the interaction between ultra-high energy cosmic rays and photons in the universe 27B (1968) 30
Konstantinov, V.F., see V.I. Belousov 43B (1973) 76
Koo, E.L., M. De Llano, Interpretation of auxiliary potential method for deducing nuclear matrix elements from N-N scattering data 30B (1969) 228
Kooy, R.W., see C.W.E. Van Eijk 46B (1973) 351
Kopaleishvili, T.I., I.Z. Machabeli, G.Sh. Goksadze, N.B. Krupennikova, Reactions ($\pi^\pm$, NN) and two particle excitation of light nuclei 22B (1966) 181
Kopaleishvili, T.I., Single recharging of $\pi^\pm$-mesons and spectroscopy of light nuclei 28B (1969) 163
Kopecký, J., see W. Warming 25B (1967) 200
Kopecký, J., see K. Abrahams 32B (1970) 605
Kopecký, J., see A.M.F. Op den Kamp 39B (1972) 204
Kopecký, J., A.M.J. Spits, A.M. Lane, A singularity in E1 matrix elements at the neutron threshold: evidence from (d, p)–(n, γ) correlations 49B (1974) 323
Kopelman, J.B., see D.D. Allen 21B (1966) 468
Kopelman, J.B., D.D. Allen, G. Godden, L. Marshall, E. Urvater, R.E. Juhala, J.I. Rhode, Evidence for a dipion enhancement near 400 MeV 22B (1966) 118
Kopelman, J.B., see J. Von Krogh 27B (1968) 253
Kopelman, J.B., see R.E. Juhala 27B (1968) 257
Köpf, U., see H.J. Besch 25B (1967) 120; 26B (1967) 721; 28B (1969) 422
Köpf, U., see J. Bonn 36B (1971) 41
Koplik, J., see M. Bishari 44B (1973) 175
Koplik, J., see G.F. Chew 48B (1974) 221
Köpp, G., S. Söding, Meson-nucleon coupling constants from empirical nucleon-nucleon scattering 23B (1966) 494
Kopsch, D., see S. Cierjacks 29B (1969) 417
Kopylov, G.I., see E.G. Bubelev 24B (1967) 246
Kopylov, G.I., see M.S. Khvastunov 27B (1968) 653
Kopylov, G.I., The kinematics of inclusive experiments with unstable particles 41B (1972) 371
Kopylov, G.I., Like particles correlations as a tool to study the multiple production mechanism 50B (1974) 472
Kopysov, Yu.S., see V.N. Fetisov 40B (1972) 602
Korenman, G.Ya., see V.V. Balashov 31B (1970) 310
Korenman, G.Ya., V.P. Popov, On the radiative kaon capture by nuclei 40B (1972) 628
Korennoy, V.P., see V.G. Neudatchin 34B (1971) 581
Korennoy, V.P., see I.V. Kurdyumov 40B (1972) 607
Korkea-Aho, M., see H. Bøggild 30B (1969) 369
Körner, H.J., see K. Auberbach 22B (1966) 199; 23B (1966) 367
Körner, H.J. see H. Schmidt 24B (1967) 457
Körner, H.J., see P. Steiner 24B (1967) 515

Körner, H.J. see F. Wagner 25B (1967) 253
Körner, H.J., see R. Simon 28B (1969) 590
Körner, H.J., see E. Knapek 29B (1969) 581
Körner, H.J., see J.P. Schiffer 44B (1973) 47
Körner, H.J., see N. Anantaraman 46B (1973) 67
Körner, J., see N.S. Craigie 42B (1972) 404
Körner, J.G., Parity-violating nucleon one-meson exchange potentials in a current-current quark model 44B (1973) 361
Kornienko, L.S., see V.B. Braginsky 33B (1970) 613
Kotobochko, Yu.S., see B.D. Grachyov 22B (1966) 498
Korolev, G.A., see A.A. Vorobyov 41B (1972) 639
Korolev, V.A., see A.A. Vorobyov 41B (1972) 639
Korotkikh, V.L., see V.G. Neudatchin 34B (1971) 581
Korotkikh, V.L., see V.V. Balashov 49B (1974) 120
Korotkov, M.M., see Y.D. Bajukov 24B (1967) 598
Korth, W., see K. Dietz 26B (1967) 394
Korthals Altes, C.P., M. Perrottet, Anomalous Ward-identities, gauge-variance and appearance of ghosts in Higgs–Kibble type theories 39B (1972) 546
Koshelkova, E.V., see V.N. Fetisov 29B (1969) 157
Kosiara, A., H.B. Willard, Gamma ray-neutron branching ratio in the triton-deuteron reaction 32B (1970) 99
Kosiek, R., D. Müller, R. Pfeiffer, O. Merwitz, Zum Kernphotoeffekt am Tritium 21B (1966) 199
Kost, C.J., see R.M. Craig 21B (1966) 177
Koster, T.A., see S. Koički 32B (1970) 351
Kosterlitz, J.M., see S.P. De Alwis 29B (1969) 362
Kotański, A., see G. Cohen-Tannoudji 27B (1968) 42
Kotánski, A., K. Zalewski, Polarization experiments and the additivity assumption of the quark model 29B (1969) 596
Kotanski, A., see Aachen ... collaboration 49B (1974) 388
Kotov, V.I., see Yu.B. Bushnin 29B (1969) 48
Kotov, V.I., see A.A. Derevchekov 48B (1974) 367
Kotthaus, R., see G. Buschhorn 33B (1970) 241; 37B (1971) 207, 211
Kotthaus, R., see H. Burfeindt 33B (1970) 509
Kötz, U., see W. Bertram 21B (1966) 471
Kötz, U., see G. Buschhorn 25B (1967) 622
Kötz, U., see Chr. Geweniger 28B (1969) 155; 29B (1969) 41
Kötz, U., see G. Vogel 40B (1972) 513
Kötz, U., see H. Burfeindt 43B (1973) 345
Kotzan, H., see K. Boesebeck 34B (1971) 659
Kouri, D.J., F.S. Levin, A new method for determining K-matrix elements 48B (1974) 203
Kouri, D.J., F.S. Levin, A new method in the theory of many-body scattering 50B (1974) 421
Kovács, I., see T. Czibók 29B (1969) 105
Kovalenko, S.S., see V.M. Adamov 48B (1974) 311
Kövesi-Domokos, S., see G. Domokos 46B (1973) 83
Kovshevny, G.G., see A.A. Vorobyov 41B (1972) 639
Kowalczyk, S., see O. Balea 39B (1972) 571
Kowalski, H., see P.V. Collins 44B (1973) 183
Kowalski, K.L., see J. Krauss 31B (1970) 263

Kowalski, M., Br. Kuchowicz, On the formation of superheavy nuclei (with $Z \approx 110$) in nature 30B (1969) 79
Kownacki, J., K.G. Rensfelt, An 880 ns isomeric state in ^{144}Sm 35B (1971) 153
Kozhevnikov, A.A., see N.N. Achasov 50B (1974) 448
Kozlov, M.I., see V.N. Fetisov 38B (1972) 129
Kozlowski, T., see V. Evseyev 28B (1969) 553
Kozlowski, T., see S. Devons 47B (1973) 271
Kozlowski, T., A. Zgliński, Nuclear muon capture: a simple model 50B (1974) 222
Kraaz, P., see H. Fuchs 23B (1966) 363; 25B (1967) 204
Kraemer, R.W., see J.C. Anderson 45B (1973) 165, 521
Kraemer, R.W., see S. Dado 50B (1974) 275
Kraev, M.M., K.V. Kademova, A note on a new quantization; spin-half particles with an infinite maximum occupation number 34B (1971) 147
Kraev, M.M., see K.V. Kademova 34B (1971) 405
Krainov, V., see L. Manahov 29B (1969) 343
Krainov, V.P., M.A. Mikulinsky, The WKB calculation of the nuclear isotope shift 23B (1966) 465
Krainov, V.P., The calculation of the 3-state in ^{208}Pb 27B (1968) 341
Kramarovsky, Ya.M., see V.P. Chechev 42B (1972) 261
Kramer, M.A., see G. Conforto 45B (1973) 154
Kramer, P., U_3 symmetry and clustering in the harmonic oscillator shell model 21B (1966) 182
Kramer, P., M. Moshinsky, Energy levels of the four nucleon system 23B (1966) 574
Kramer, S.L., see D.H. Miller 29B (1969) 255
Krammer, Margarete, Vector meson dominance analysis of data on the reaction $\pi^- + p \rightarrow \rho^0 + n$ 26B (1967) 633
Krammer, M., Erratum 27B (1968) 260
Krammer, M., see M. Böhm 50B (1974) 457
Krane, K.S., see W.A. Steyert 47B (1973) 294
Krasnokutsky, R.N., see V.N. Bolotov 38B (1972) 120
Krasnov, L.V., see V.E. Bunakov 32B (1970) 587; 34B (1971) 27
Krasznovszky, S., see G. Bozóki 28B (1969) 360
Krasnovsky, S., see Z.S. Strugalski 29B (1969) 518, 532
Krasznovszky, S., see R. Arnold 36B (1971) 261
Krasznovszky, S., see O. Balea 39B (1972) 571
Krasznovszky, S., see Alma ... collaboration 48B (1974) 277
Kraus, G., see J. Bartsch 22B (1966) 357; 25B (1967) 48; 27B (1968) 336; 33B (1970) 186
Kraus, G., see M. Aderholz 27B (1968) 174
Kraus, N., see J.A. Evans 37B (1971) 455
Kraushaar, J.J., R.A. Ristinen, R. Smythe, A quantitative explanation and precise measurement of the pulse height shift associated with nuclear reaction peaks in solid state detectors 25B (1967) 13
Kraushaar, J.J., see R.L. Hutson 27B (1968) 153
Kraushaar, J.J., see S.I. Hayakawa 29B (1969) 327
Kraushaar, J.J. see P. Schwandt 30B (1969) 30
Kraushaar, J.J., see H.W. Baer 35B (1971) 395
Kraushaar, J.J., see W.L. Fadner 40B (1972) 49
Kraushaar, J.J., see J.R. Shepard 40B (1972) 95
Krauss, J., K.L. Kowalski, Polarization in elastic nucleon-deuteron scattering 31B (1970) 263
Krebs, K., see A. Palmgren 27B (1968) 554

Krehbiel, H., see W. Bartel 25B (1967) 236, 242; 27B (1968) 660; 28B (1969) 148; 30B (1969) 285; 33B (1970) 245; 35B (1971) 181; 39B (1972) 407
Krehbiel, H., see P. Brauel 45B (1973) 389; 50B (1974) 507
Kreische, W., W. Lampert, G. Loos, D. Weltle, Nachweis eines $0^{(+)}$-niveaus des ^{54}Fe bei 2.56 MeV 29B (1969) 170
Kreische, W., W. Lampert, G. Loos, D. Weltle, Absolutmessung der Winkelkorrelation der inneren Bremsstrahlung bei ^{90}Y 30B (1969) 614
Kreische, W., see J. Christiansen 35B (1971) 501
Kreische, W., see R. Heusinger 49B (1974) 269
Kreisler, M.N., see L.W. Jones 27B (1968) 328; 36B (1971) 509
Kreisler, M.N., see M.J. Longo 36B (1971) 560
Kreisler, M.N., see J.T. Dakin 36B (1971) 607
Kresj, F., see P.K. Chattopadhyay 42B (1972) 315
Krell, M., see H. Koch 29B (1969) 140
Krell, M., see G. Backenstoss 38B (1972) 181
Krell, M., see M. Ericson 38B (1972) 359
Krenciglowa, E.M., T.T.S. Kuo, E. Osnes, B. Giraud, Padé approximants and realistic effective interactions 47B (1973) 322
Krendelev, V.A., see Yu.M. Antipov 30B (1969) 576
Krenz, W., see K.J. Peach 35B (1971) 351; 43B (1973) 441
Krenz, W., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Krenz, W., see F.J. Hasert 46B (1973) 121, 138
Krieger, S.J., M. Baranger, K.T.R. Davies, Hartree–Fock calculations with a density-dependent interaction 22B (1966) 607
Krieger, S.J., see K.T.R. Davies 41B (1972) 455
Krieger, T.J., see E. Kujawski 27B (1968) 132
Krienen, F., see K. Borer 29B (1969) 614; 30B (1969) 572
Krilov, S.A., see A.O. Weissenberg 48B (1974) 474
Kripfganz, J., E.M. Ilgenfritz, Statistical bootstrap without exotic states 48B (1974) 329
Krisch, A.D., Lorentz contracted geometrical model 44B (1973) 71
Krishnan, R.M., W.W.T. Pu, Bubble nuclei 47B (1973) 225
Krishnaswamy, M.R., M.G.K. Menon, V.S. Narashimham, S. Kawakami, S. Kino, S. Miyake, Observations on the cosmic ray angular distribution underground at 1500 hg/cm^2 (Kolar) and the question of muon production in the TeV energy region 27B (1968) 535
Krisztinkovics, F., see B. Gyarmati 41B (1972) 110
Krivokhizhin, V.G., see Berlin ... collaboration 48B (1974) 257
Krivokhizhin, V.G., see K.F. Albrecht 38B (1972) 452; 48B (1974) 393
Krmptotić, F., D. Tadić, On the induced terms and the partial conservation of the axial vector current in β-decay 21B (1966) 680
Krmpotić, F., see C. Alaga 24B (1967) 537
Krmpotić, F., see O. Civitarese 48B (1974) 199
Krogulski, T., see J. Chwaszczewska 24B (1967) 87
Krogulski, T., see M. Dakowski 25B (1967) 213
Krogulski, T., see E. Piasecki 33B (1970) 568
Krohn, V.E., see C.J. Christensen 28B (1969) 411
Królikowski, W., Partial conversation and the 2^+ mesons 24B (1967) 305
Kroll, P., see G. Höhler 49B (1974) 280
Krolzig, A., see L. Criegee 28B (1969) 282

Kropac, W., see J. Mott 23B (1966) 171
Kropac, W., see Y. Cho 32B (1970) 409
Kropp, L., see S. Cierjacks 29B (1969) 417
Krüger, J., P. Van Leuven, On the muon capture in ^{6}Li 28B (1969) 623
Krumlinde, J., The moment of inertia of the fission isomer 30B (1969) 221
Krumlinde, J., Z. Szymanski, A simple model for nuclear rotation at high angular momenta 36B (1971) 157
Krumlinde, J., Z. Szymański, A description of the band structure at high angular momenta in rotating nuclei 40B (1972) 314
Krupchitsky, P.A., see Yu.G. Abov 27B (1968) 16
Krupchitsky, P.A., see M.I. Bulgakov 42B (1972) 351
Krupennikova, N.B., see T.I. Kopalieshvili 22B (1966) 181
Kruse, T.H., see W. Makofske 25B (1967) 322
Kruse, T.H., see G. Bassani 30B (1969) 621
Kruse, T.H., see F.T. Baker 40B (1972) 355
Kruse, U., see J. Bartsch 25B (1967) 48
Kruse, U., see G.E. Chikovani 28B (1969) 526
Kruse, U.E., see R.M. Brown 42B (1972) 117
Krzywdziński, S., see M.G. Antonova 39B (1972) 282, 285
Krzywdziński, S., see J. Babecki 40B (1972) 507; 47B (1973) 268
Krzywicki, A., see P. Dennery 23B (1966) 374; 24B (1967) 470
Krzywicki, A., J. Tran Thanh Van, Duality non-preserving leading Regge cuts and polarizations in hypercharge exchange reactions 30B (1969) 185
Krzywicki, A., Large angle scattering and dual models 34B (1971) 519
Krzywicki, A., see E.L. Berger 36B (1971) 380; 43B (1973) 132
Krzywicki, A., see R. Jengo 43B (1973) 397
Krzywicki, A., D. Weingarten, Charge distributions of many particle final states and the energy dependence of forward charge exchange 50B (1974) 265
Kuan, H.M., S.S. Hanna, $T = \frac{3}{2}$ states in ^{13}N observed in the reaction ^{12}C(p, p)^{12}C 24B (1967) 566
Kuan, H.M., D.W. Heikkinen, K.A. Snover, F. Riess, S.S. Hanna, Observation of $T = 2$ level in ^{20}Ne as a compound nucleus resonance 25B (1967) 217
Kuan, H.M., see M. Hasinoff 30B (1969) 337
Kubantsev, M.A., see V.S. Kaftenov 40B (1972) 215
Kubantzev, M.A., see A.E. Asratyan 49B (1974) 488
Kubarovsky, V.P., see S.V. Golovkin 42B (1972) 136
Kubik, B.M., see H. Blumenfeld 45B (1973) 525, 528
Kubo, K., R. Broglia, C. Riedel, T. Udagawa, Determination of the Y_4 deformation parameter from the (p, t) reaction 32B (1970) 29
Kubo, K.-I., see H.H. Duhm, N. Ueta, Cluster model DWBA analysis of lithium induced single nucleon transfer reactions 45B (1973) 299
Kubo, K.-I., see H.H. Duhm 48B (1974) 1
Kubodera, K., C.W. Kim, A finite-momentum-transfer test of CVC in the $A = 12$ system 43B (1973) 275
Kubono, S., S. Kato, M. Yasue, H. Ohnuma, K. Ogawa, Anomalous $L = 0$ transition observed in the reaction ^{40}Ca(p, t)^{38}Ca 49B (1974) 37
Kucheida, D., see H. Bohn 32B (1970) 346
Kuchowicz, Br., see M. Kowalski 30B (1969) 79
Kudojarov, M.F., see D.S. Andreyev 32B (1970) 187
Kuehner, J.A., see M. Wayne Greene 35B (1971) 560

Kugel, H.W., T. Polga, R. Kalish, R.R. Borchers, Static and transient hyperfine magnetic fields at Ba isotopes recoiled in iron 32B (1970) 463
Kugler, H., see P.G. Hansen 28B (1969) 415, 596, 663
Kugler, L., see J. Bonn 36B (1971) 41; 38B (1972) 308
Kugler, M., Duality and low energy parameters 31B (1970) 379
Kugler, M., $\bar{B}B$ reactions, duality and factorization 32B (1970) 107
Kugler, M., Generalized duality for inclusive and exclusive reactions 36B (1971) 44
Kugler, M., V. Rittenberg, H.J. Lipkin, Exotics and rapid scaling in inclusive reactions 38B (1972) 423
Kugler, M., see F.J. Gilman 45B (1973) 481
Kuhl, G., see U. Kneissl 49B (1974) 440
Kuhlman, W., see T. Becker 24B (1967) 458
Kuhlmann, P.E., see W. Bartel 30B (1969) 285; 33B (1970) 245; 35B (1971) 181; 39B (1972) 407
Kuhn, D., see J. Bartsch 28B (1969) 439
Kuhn, D., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Kuhtin, V.V., see K.F. Albrecht 48B (1974) 393
Kujawski, E., T.J. Krieger, Statistical theory of polarized nuclear reactions 27B (1968) 132
Kujawski, E., Dispersive effects in elastic electron scattering by vibrational nuclei 32B (1970) 75
Kukhtin, V.V., see V.K. Birulev 38B (1972) 452
Kukhtin, V.V., see Berlin ... collaboration 48B (1974) 257
Kukulin, V.I., see L. Majling 27B (1968) 487
Kukulin, V.I., see V.G. Neudatchin 34B (1971) 581
Kukulin, V.I., V.E. Troitski, Yu.M. Shirokov, S.V. Trubnikov, Calculation of the relativistic charge form factor of the deuteron directly from experimental n-p phase shifts 39B (1972) 319
Kuleshov, S.P., see B.M. Barbashov 33B (1970) 419, 484
Kuliev, A.A., N.I. Pyatov, Spin polarization effects in odd-mass deformed nuclei 28B (1969) 443
Kuliev, A.A., see S.I. Gabrakov 36B (1971) 275
Kulikov, V.M., see V.V. Balashov 36B (1971) 325
Kulish, Yu.V., see Yu.I. Titov 37B (1971) 422
Kulkarni, D.R., see A.K. Dhar 47B (1973) 133; 50B (1974) 323
Kullander, S., P.U. Renberg, B. Fagerström, A. Johansson, G. Tibell, G. Landaud, F. Lemeilleur, J. Yonnet, Studies of the S-shells in ^{28}Si by means of the (p, 2p) reaction at 600 MeV 34B (1971) 197
Kulleck, J.G., see L.S. Michelman 28B (1969) 659
Kulleck, J.G., see G.W. Hoffmann 40B (1972) 453
Kumar, A., see F. Halzen 32B (1970) 111; 33B (1970) 540
Kumar, K., The signs of E2, M1 transition matrix elements of the tungsten, osmium and platinum nuclei 29B (1969) 25
Kumar, K., Erratum 31B (1970) 642
Kumar, K., see M.G. Mustafa 49B (1974) 405
Kumar, N., see F.C. Barker 30B (1969) 103
Kümmel, H., see H. Hebach 24B (1967) 134
Kümmel, H., see W.M. Ewers 26B (1967) 480
Kümmel, H., see U.M. Wambach 33B (1970) 253
Kümmel, H., see M. Gari 35B (1971) 19
Kümmel, H., see M. Fink 39B (1972) 147
Kummer, W., see D. Flamm 25B (1967) 286
Kündig, W., see P. Rüegsegger 39B (1972) 620
Kundt, U., see Y. Goldschmidt-Clermont 27B (1968) 602

Kundu, S.K., see G.D. Wait 33B (1970) 163
Kung, H.H., see C. Baltay 25B (1967) 160
Kunselman, A.R., see D.A. Jenkins 32B (1970) 267
Kunselman, R., see G.A. Grin 31B (1970) 116
Kunselman, R., Kaon mass measurement from kaonic atom X-ray energies; the 4f-3d kaonic transition in chlorine 34B (1971) 485
Kunszt, Z., Parton-antiparton contributions to photon-photon scattering 40B (1972) 217
Kunz, P., see M. Bourquin 36B (1971) 615
Kunz, P., see P. Basile 36B (1971) 619
Kunz, P., see A. Zylbersztejn 38B (1972) 457
Kunz, P.D., see S.I. Hayakawa 29B (1969) 327
Kunz, P.D., see E. Rost 30B (1969) 231; 43B (1973) 17
Kunz, P.D., Optical model potential depth for deuterons 35B (1971) 16
Kunz, P.D., see J. Bang 37B (1971) 128
Kunz, P.D., see H.H. Duhm 38B (1972) 306
Kunz, P.D., see R.A. Broglia 38B (1972) 383
Kunz, P.D., see L.D. Rickertsen 47B (1973) 11
Kunz, P.D., E. Rost, On two-step processes via particle transfer channels 47B (1973) 136
Kuo, T., see C.R. Gruhn 24B (1967) 266
Kuo, P.K., Analyticity in mass variables and Lorentz poles in arbitrary-mass scattering 28B (1969) 339
Kuo, T.K., see A. McDonald 40B (1972) 675; 41B (1972) 78, 652
Kuo, T.T.S., see R.D. Lawson 22B (1966) 168
Kuo, T.T.S., Higher order core polarization processes and effective interactions in nuclei 26B (1967) 63
Kuo, T.T.S., see J. Blomqvist 29B (1969) 544
Kuo, T.T.S., see A.D. Jackson 30B (1969) 455
Kuo, T.T.S., J. Blomqvist, G.E. Brown, Dipole states in ^{208}Pb 31B (1970) 93
Kuo, T.T.S., see B.H. Wildenthal 32B (1970) 339
Kuo, T.T.S., see E. Osnes 34B (1971) 113; 47B (1973) 430
Kuo, T.T.S., see J.D. Vergados 35B (1971) 93
Kuo, T.T.S., see S.F. Tsai 39B (1972) 427
Kuo, T.T.S., see F.E. Cecil 45B (1973) 217
Kuo, T.T.S., see W.T. Weng 46B (1973) 329
Kuo, T.T.S., see E.M. Krenciglowa 47B (1973) 322
Kuo, T.T.S., see G.R. Hammerstein 49B (1974) 235
Kuo, T.Y.T., see C.J. Maggiore 33B (1970) 571
Kuo, T.Y.T., see F. Petrovich 46B (1973) 141
Kupczyński, M., Is the optical theorem violated? 47B (1973) 244
Kuperus, J., see T.A. Belote 23B (1966) 480
Kupsch, J., Photoproduction processes in the quark model 22B (1966) 690
Kuraev, E.A., L.N. Lipatov, N.P. Merenkov, High energy behavior of total cross sections for e^+e^- scattering and the slope at $q^2 = 0$ of the Dirac form factor 47B (1973) 33
Kuraev, E.A., see V.N. Baier 49B (1974) 385
Kurcewicz, W., see J. Błocki 30B (1969) 458
Kurdadze, L.M., see V.E. Balakin 37B (1971) 435; 41B (1972) 205
Kurdadze, L.M., A.P. Onuchin, S.I. Serednyakov, V.A. Sidorov, S.I. Eidelman, Observation of multihadronic events in e^+e^- collisions at the energy of 1.18–1.34 GeV 42B (1972) 515
Kurdyumov, I.V., Yu. F. Smirnov, K.V. Shitikova, S.Kh. El Samarai, Influence of the nuclear structure on photodesintegration of ^{6}Li 31B (1970) 163

Kurdyumov, I.V., V.G. Neudatchin, Yu.F. Smirnov, Generalized conception of fractional parentage and the (α-d)-(^{3}He-t) duality in the ^{6}Li nucleus 31B (1970) 426
Kurdyumov, I.V., V.G. Neudatchin, Yu.F. Smirnov, V.P. Korennoy, The high energy limit for the α-d and τ-t form factors in the ^{6}Li nucleus and the problem of experimental investigation of the nodes of the corresponding wave functions 40B (1972) 607
Kurepin, A.B., R.M. Lombard, Coupled channel analysis of asymmetry measurements for low-lying states of ^{148}Sm and ^{152}Sm by inelastic proton scattering 37B (1971) 55
Kurepin, A.B., R.M. Lombard, J. Raynal, Method for identification of the nucelar collective modes 45B (1973) 184
Kuriyama, K., see J. Sanada 39B (1972) 509
Kuriyan, J.G., E.C.G. Sudarshan, Non-invariance groups from intermediate coupling models 21B (1966) 106
Kuroda, K., see M. Poulet 22B (1966) 636
Kuroda, K., see M. Borghini 24B (1967) 77; 31B (1970) 405; 36B (1971) 493, 497, 501
Kuroda, K., see H. Aoi 35B (1971) 90
Kuroda, M., see K. Igi 34B (1971) 140
Kurtz, N., see R. Arnold 36B (1971) 261
Kurz, R.J., see C. Baglin 23B (1966) 286
Kurz, R.J., see D.S. Avres 24B (1967) 483
Kurz, R.J., see F. Jacquet 25B (1967) 574
Kusch, W., see J. Chwaszczewska 25B (1967) 331
Kushner, M., J. Quintanilla, Exact determination of Gamow–Teller matrix elements for supermultiplets states 23B (1966) 572
Kusuno, S., see T. Kammuri 38B (1972) 5; 39B (1972) 327
Kuti, J., see L. Gálfi 31B (1970) 465
Kuti, J., see M. Breidenbach 41B (1972) 345
Kuti, J., see P. Gnadig 42B (1972) 241
Kutjin, V.M., see Yu.M. Antipov 34B (1971) 164
Kutyin, V.M., see V.N. Bolotov 38B (1972) 120
Kutjin, V.M., see V.I. Belousov 43B (1973) 76
Kutschera, W., see E. Nolte 33B (1970) 294
Kutschera, W., see H. Wegmann 49B (1974) 437
Kutyin, V.M., see A.F. Dunaitsev 23B (1966) 283
Katyin, V.M., see Yu.B. Bushnin 29B (1969) 48
Kutyin, V.M., see F. Binon 30B (1969) 506, 510; 31B (1970) 230
Kuzmenko, V.S., see Yu.P. Antoufiev 42B (1972) 347
Kuzmichev, V.E., see V.F. Kharchenko 32B (1970) 19; 42B (1972) 328
Kazminov, B.D., see J. Pedersen 29B (1969) 176
Kuzminov, B.D., see P.P. Dyachenko 31B (1970) 122
Kuznetsov, A., see O. Balea 39B (1972) 571
Kuznetsov, A.A., see E.G. Bubelov 24B (1967) 246
Kuznetsov, E., see O. Balea 39B (1972) 571
Kvachadze, T., see O. Balea 39B (1972) 571
Kvachadze, T., see Alma ... collaboration 48B (1974) 277
Kvitek, J., Yu.P. Popov, Alpha decay from excited states of samarium isotopes 22B (1966) 186
Kwan-Wu Lai, see D.J. Crennell 35B (1971) 185
Kwiatkowska, A., see O. Balea 39B (1972) 571
Kwiatkowska, A., see Alma ... collaboration 48B (1974) 277

Kwiecinski, J., see D.P. Roy 34B (1971) 512
Kycia, T.F., see R.J. Abrams 30B (1969) 564; 45B (1973) 66
Kycia, T.F., see A.S. Carroll 45B (1973) 531

Laankan, T., S. Oneda, Can the $J^{PC} = 1^{++}$ mesons form an ideal nonet? 46B (1973) 77
Laasanen, A.T., see B.A. Barnett 34B (1971) 655
Laberrigue, J., see V.V. Ammosov 42B (1972) 519
Laberrigue-Frolow, J., see M. Armenise 25B (1967) 53
Laberrigue-Frolow, J., see N. Armenise 26B (1967) 336
Labrosse, G., see B. Chaurand 38B (1972) 253
Labrosse, G., see R. Barloutaud 38B (1972) 257
Labrosse, G., see K. Paler 43B (1973) 437; 48B (1974) 151
Lach, J., E. Malamud, Evidence for two components in high energy pp collisions 44B (1973) 474
Lach, J. , see F.T. Dao 45B (1973) 73,399,402,513
Lach, J., see T. Ludham 48B (1974) 449
Lacombe, M., see R. Vinh Mau 44B (1973) 1
Lacourt, A., see M.G. Albrow 40B (1972) 136; 42B (1972) 279
Ladrón, P., see T. Eichten 27B (1968) 586
Ladron de Guevara, P., see M. Haguenauer 34B (1971) 219; 37B (1971) 538
Lagarrigue, A., see T. Eichten 40B (1972) 593
Lagarrigue, A., see F.J. Hasert 46B (1973) 121, 138
Laget, J.M., see G. Bassani 22B (1966) 189
Lagnaux, J.P., see S. Andersson 28B (1969) 611; 30B (1969) 56
Lagnaux, J.P., see C. Bricman 33B (1970) 511
Lagnaux, J.P., see M.G. Albrow 34B (1971) 337; 35B (1971) 247
Lai, K.W., see D.J. Crennell 28B (1969) 136
Lajtai, A., see Gy. Kluge 27B (1968) 65; 30B (1969) 311
Lajtai, A., see P.P. Dyachenko 31B (1970) 122
Lakin, W.L., E.B. Hughes, L.H. O'Neill, J.N. Otis, L. Mandansky, Measurements of K^0_L and neutron total cross sections on nuclei at GeV energies 31B (1970) 677
Lakin, W.L., see W.T. Toner 36B (1971) 251
Laking, W.L., see J.C. Pratt 41B (1972) 383
Lakshmi, R.V., see R.L. Eisner 28B (1969) 356
Lalanne, D., see J.E. Augustin 28B (1969) 503,508,513,517; 31B (1970) 673
Lalanne, D., see J.C. Bizot 32B (1970) 416
Lales, J., see S.P. Ying 30B (1969) 289
Laloum, M., see R. Barloutaud 26B (1968) 674
Laloum, M., see J. Goldberg 30B (1969) 434
Laloum, M., see G. Giacomelli 31B (1970) 321
Laloum, M., see W. Hoogland 33B (1970) 631
Lalović, B., see B. Antolković 23B (1966) 477
Lam, S.T., see G.F. Neal 45B (1973) 127
Lam, W.S., T.N. Truong, Possibility and limit of the pomeranchuk violating amplitude in pion nucleon scattering 31B (1970) 307
Lam, W.S., see J. Dias De Deus 38B (1972) 220, 317
Lam, W.S., see Chan Hong-Mo 40B (1972) 112
Lam, W.S., Test of factorization in the two-particle inclusive reactions $\pi^+ p \to \pi^- \pi^- X$ and $pp \to \pi^- \pi^- X$ 40B (1972) 466
Lam, W.S., Factorization and inclusive electroproduction 43B (1973) 53
Lam, W.S., see M. Chaichian 47B (1973) 460
Lam, W.S., E. Suhonen, Phase space and multihadron production in annihilation processes at present energies 50B (1974) 453

Lambert, E., H. Feshbach, Spin and isospin effects in high-energy proton-nucleus elastic scattering and nuclear correlations 38B (1972) 487
Lambert, M., M. Durand, Study of the 9485, 9490, 9613 and 9670 keV excited states in ^{15}O 24B (1967) 287
Lamers, B.A., see H. Überall 44B (1973) 324
Lamidey, G., see R. Barloutaud 26B (1968) 674
Lamidey, G., see J. Goldberg 30B (1969) 434
Lamm, I.-L., see C. Ekström 39B (1972) 199
Lamme, H.A., E. Boeker, Angular momentum projection on Hartree–Fock wave functions for ^{8}Be and ^{12}C 24B (1967) 367
Lamontagne, C.R., B. Frois, R.J. Slobodrian, H.E. Conzett, Ch. Leemann, R. De Swiniarski, The scattering of polarized protons from Si in the giant resonance region of ^{29}P 45B (1973) 465
Lampert, W., see W. Kreische 29B (1969) 170; 30B (1969) 614
Lampert, W., see J. Christiansen 35B (1971) 501
Lampert, W., see R. Heusinger 49B (1974) 269
Lamsa, J.W., see V. Blobel 48B (1974) 73
Landaud, G., see S. Kullander 34B (1971) 197
Lande, A., J.P. Svenne, Saturation in Hartree–Fock calculations using density-dependent forces with hard cores 25B (1967) 91
Lande, A., see A.D. Jackson 30B (1969) 233; 35B (1971) 365
Lande, A., see F. Iachello 35B (1971) 205; 43B (1973) 191; 50B (1974) 313
Lander, R.L., see M.A. Abolins 21B (1966) 584
Lander, R.L., see G. Bassompierre 25B (1967) 440; 26B (1967) 30
Lander, R.L., see M. Jobes 26B (1967) 49
Landis, D.A., see A.M. Poskanzer 27B (1968) 414
Landowne, S., see R.A. Broglia 36B (1971) 541; 40B (1972) 293
Landowne, S., R.A. Broglia, R. Liotta, On the importance of indirect processes in one particle transfer reactions induced by heavy ions 43B (1973) 160
Landowne, S., see R.A. Malfliet 44B (1973) 238
Landowne, S., R.A. Broglia, K. Neergaard, How indirect (p, t) processes populate the γ-band of ^{168}Yb 44B (1973) 425
Landowne, S., see B. Nilsson 47B (1973) 189
Landowne, S., N. Takigawa, A note on diffraction phenomena in the inelastic scattering of complex nuclei 50B (1974) 414
Landsberg, L.G., see V.D. Antopolsky 28B (1969) 220,223
Landsberg, L.G., see Yu. M. Antipov 29B (1969) 245; 30B (1969) 576; 34B (1971) 164; 40B (1972) 147
Landsberg, L.G., see S.V. Golovkin 42B (1972) 136
Landshoff, P.V., see I.T. Drummond 28B (1969) 676
Landshoff, P.V., Electron-positron annihilation at high energy 32B (1970) 57
Landshoff, P.V., J.C. Polkinghorne, Deep inelastic neutrino scattering 34B (1971) 621
Landshoff, P.V., J.C. Polkinghorne, Predictions for production of lepton pairs at the CERN ISR 40B (1972) 463
Landshoff, P.V., J.C. Polkinghorne, pp elastic scattering at large momentum transfer 44B (1973) 293
Landshoff, P.V., J.C. Polkinghorne, Pion production at large transverse momentum 45B (1973) 361
Lane, A.M., Multi-channel cancellation effects in analogue asymmetry and broadening 29B (1969) 263

Lane, A.M., Non-statistical effects in neutron resonance capture 31B (1970) 344
Lane, A.M., A theory of anomalies observed in (d, p) excitation curves at thresholds for neutron analogue channels 33B (1970) 274
Lane, A.M., A.Z. Mekjian, Correlation corrections to shell model values of dipole sum-rules 43B (1973) 105
Lane, A.M., see J. Kopecký 49B (1974) 323
Lane, A.M., The absence of excited target contributions to E1 partial widths of neutron resonances: an explanation from threshold effects 50B (1974) 204
Lane, A.M., see B. Gyarmati 50B (1974) 316
Lane, K., M. Suzuki, Spin-dependent sum rule for high-energy neutrino reactions 43B (1973) 204
Lanford, W.A., Seniority for nucleons in $j = \frac{9}{2}$ orbits 30B (1969) 213
Lanford, W.A., J.B. McCrory, Two-neutron pickup strengths on the even lead isotopes. The transition from single-particle to "collective" 45B (1973) 238
Lanford, W.A., see K.K. Seth 49B (1974) 157
Lang, D.W., see P.P. Singh 23B (1966) 255
Lang, J., see W. Wölfli 22B (1966) 75
Lang, J., see G. Thievant 30B (1969) 23
Lang, J., see L. Jarczyk 39B (1972) 191
Lang, J., M. Simonius, Analysis of angular correlations in sequential decay processes 46B (1973) 15
Lang, J., see A. Buta 50B (1974) 333
Langacker, P., M. Suzuki, The πN cross section through an extrapolation of deep inelastic electro-production and photoproduction data 40B (1972) 561
Langacker, P., M. Suzuki, The relation between form factors and the scaling functions in electroproduction and neutrino reactions 42B (1972) 453
Langenbeck, B., see Chr. Berger 28B (1969) 276; 35B (1971) 87
Langevin-Joliot, H., see D. Bachelier 21B (1966) 697
Langhoff, H., see M. Schumacher 31B (1970) 61
Langsford, A., see P.J. Clements 30B (1969) 25
Lánik, J., The SU(3) noninvariant vacuum and the Cabibbo angle 46B (1973) 198
Lanius, K., see M. Deutschmann 22B (1966) 112
Lanius, K., see H.G. Hilpert 23B (1966) 707
Lanius, K., see J. Bartsch 25B (1967) 48; 27B (1968) 336
Lanius, K., see R. Erbe 27B (1968) 54
Lanius, K., see M. Aderholz 27B (1968) 174
Lanius, K., see K. Boesebeck 34B (1971) 659
Lannutti, J.E., see B.G. Reynolds 24B (1967) 311
Lannutti, J.E., see R.P. Wieckowicz 28B (1969) 199
Lanske, D., see F.J. Hasert 46B (1973) 121,138
Lanske, D., see T. Eichten 46B (1973) 281
Lantto, L., see C. Ciofi degli Atti 42B (1972) 27
Lapidus, L.I., see I.M. Vasilevsky 23B (1966) 174
Lapikás, L., see H. De Vries 33B (1970) 403
Lapin, V.V., see A.E. Asratyan 49B (1974) 488
Laplanche, F., see J.E. Augustin 28B (1969) 503,513
Laplanche, F., see G. Cosme 40B (1972) 685; 48B (1974) 155,159
Laplanche, F., see D. Benaksas 39B (1972) 289; 42B (1972) 507,511
Lapshin, V.G., see Yu.M. Antipov 29B (1969) 245; 30B (1969) 576; 34B (1971) 164
Lapshin, V.G., see F. Binon 30B (1969) 510

Larose-Poutissou, R., see H. Jeremie 44B (1973) 68
Larribe, A., A. Leveque, A. Müller, E. Pauli, D. Revel, T. Tallini, P.J. Litchfield, L.K. Rangan, A.M. Segar, J.R. Smith, P.J. Finney, C.M. Fisher, E. Pickup, Test of C invariance in the 3π decay mode of the η meson 23B (1966) 600
Larribe, A., see P.J. Litchfield 24B (1967) 486
Larsen, J.S., J.L.C. Ford Jr., R.M. Gaedke, K.S. Toth, J.B. Ball, R.L. Hahn, Investigation of the $^{208}Pb(^{12}C, ^{11}B)^{209}Bi$ and $^{208}Pb(^{12}C\ ^{13}C)^{207}Pb$ reactions at high bombarding energies 42B (1972) 205
Larsen, J.S., see J.B. Ball 41B (1972) 581; 49B (1974) 348
Larsen, J.S., see P.R. Christensen 45B (1973) 107
Larsen, R.D., J.A. Thomson, R.G. Kerr, R.P. Scharenberg, W.R. Lutz, Multiple Coulomb interference effects on the quadrupole moment of ^{114}Cd 40B (1972) 360
Larson, D., see B.H. Wildenthal 37B (1971) 266
Larson, D., see G.R. Hammerstein 39B (1972) 176
Larson, D., S.M. Austin, B.H. Wildenthal, Inelastic proton scattering from ^{138}Ba and ^{144}Sm at 30 MeV 41B (1972) 145
Larson, D., S.M. Austin, B.H. Wildenthal, Microscopic (p,p′) calculations and polarization charges with large basis shell-model wave functions 42B (1972) 153
Larsson, S.E., I Ragnarsson, S.G. Nilsson, Fission barriers and the inclusion of axial asymmetry 38B (1972) 269
Larsson, S.E., G. Leander, S.G. Nilsson, I. Ragnarsson, R.K. Sheline, Axial asymmetry and the spectrum of ^{16}O 47B (1973) 422
Lasalle, R.A., see G.E. Assousa 26B (1967) 503
Lasalle, R.A., see J.S. Eck 27B (1968) 420
Lasinski, T., see M. Roos 33B (1970) 1
Lasinski, T.A., see P. Söding 39B (1972) 1
Lassalle, J.C. see A.M. Cnops 22B (1966) 546
Lassalle, J.C., see W. Beusch 25B (1967) 357
Lassalle, J.C., see J.P. Dufey 26B (1967) 410; 29B (1969) 605
Lassen, L., W. Zahradnik, B. Zeitnitz, Lifetime of the 3.46 MeV state of ^{41}Sc by proximity scattering measurements 24B (1967) 338
Lassey, K.R., A.B. Volkov, A study of density and momentum dependent delta function forces 36B (1971) 4
Lassey, K.R., A.B. Volkov, Saturation mechanisms and alpha particle clustering in light nuclei 39B (1972) 169
Latshaw, G.L., see J.L. Black 25B (1967) 405
Latshaw, G.L., see P.B. Russell 32B (1970) 35
Laube, B., see G.A. Beer 26B (1967) 506
Laudiero, A., R. Petterino, F. Nicodemi, Scaling in a dual model for single particle inclusive electroproduction 39B (1972) 384
Laugier, J.Ph., see H. Blumenfeld 45B (1973) 525,528
Laumann, R., see D. Cline 27B (1968) 110; 35B (1971) 606
Laurelli, P., see M. Borghini 36B (1971) 493,497,501
Laurelli, P., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Laurelli, P. see G. Bellettini 45B (1973) 69
Laurelli, P., see G. Finocchiaro 50B (1974) 396
Laurens, G., see J.P. Baton 25B (1967) 419; 26B (1967) 471; 33B (1970) 525,528
Laurikainen, K.V., see H. Bøggild 30B (1969) 369

Laurikainen, P.K., see H. Bøggild 30B (1969) 369
Lauscher, P., see K. Boesebeck 34B (1971) 659
Lauscher, P., see J.V. Beaupré 37B (1971) 432
Lautrup, B., P. Olesen, Two-baryon approximation to the decay of neutral pseudoscalar mesons 22B (1966) 342
Lautrup, B., The sixth order radiative correction to the difference of the anomalous magnetic moments of muon and electron 32B (1970) 627
Lautrup, B., see A. De Rújula 33B (1970) 605
Lautrup, B., On the order of magnitude of 8th order corrections to the anomalous magnetic moment of the muon 38B (1972) 408
Lautrup, B.E., A. Peterman, E. De Rafael, Confirmation of a new theoretical value for the Lamb shift 31B (1970) 577
Laverriere, R., see B. Mithra 41B (1972) 11
Laville, J.L., see G. Bizard 31B (1970) 481
Lavkov, V.V., see M.G. Antonova 39B (1972) 282,285
Lawergren, B., The $2s\frac{1}{2}$ component in the ground states of some nuclei in the $16 \leqslant A \leqslant 36$ region 24B (1967) 395
Lawergren, B.T., G.C. Neilson, J.L. Honsaker, $K = \frac{1}{2}$ and $K = \frac{5}{2}$ components in the ground state of ^{27}Al 30B (1969) 470
Lawin, H., see J.W. Grüter 33B (1970) 474
Lawley, N., see I.G. Main 26B (1967) 295
Lawrence, G.P., G.G. Ohlsen, J.L. McKibben, Source of polarized negative hydrogen and deuterium ions 28B (1969) 594
Lawson, P.G., see K.W. Allen 26B (1967) 138
Lawson, P.G., see K.P. Jackson 30B (1969) 162
Lawson, R.D., see S. Cohen 21B (1966) 306
Lawson, R.D., M.H. MacFarlane, T.T.S. Kuo, The reaction matrix and effective shell-model interactions for the Ni isotopes 22B (1966) 168
Lawson, R.D., see F.J. Lynch 32B (1970) 38
Lawson, R.D., see D.H. Gloeckner 40B (1972) 597
Lê, D., see T. Eichten 27B (1968) 586
Lea, A.T., B.R. Martin, G.C. Oades, K^+p phase shift analysis 23B (1966) 380
Lea, A.T., G.C. Oades, D.L. Ward, I.M. Cowan, W.M. Gibson, R.S. Gilmore, J. Malos, V.J. Smith, M.A.R. Kemp, Further evidence for $N^*\frac{1}{2}$ nucleon resonances in the mass range 1800–2200 MeV 29B (1969) 584
Lea, A.T., see P.C. Barber 32B (1970) 214
Leacock, R.A., see R.E. Juhala 27B (1968) 257
Leader, E., U. Maor, Correlation between the break in $d\sigma/dt$ and the growth of σ_{tot} in pp collisions 43B (1973) 505
Leander, G., see S.E. Larsson 47B (1973) 422
Le Bars, M., see D. Shackleton 42B (1972) 344
Lebedev, A.A., see Yu.M. Antipov 29B (1969) 245; 30B (1969) 576; 34B (1971) 164; 40B (1972) 147
Lebedev, A.I., see V.N. Fetisov 38B (1972) 129
Lebedev, A.N., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301; 48B (1974) 463
Lebedev, A.V., see I.A. Vetlitsky 21B (1966) 579
Lebedev, A.V., see M.S. Dubovikov 23B (1966) 716
Lebedev, A.V., see V.M. Guzhavin 23B (1966) 719
Lebedeva, N.S., see G.V. Gorlov 25B (1967) 197
Le Bellac, M., see B. Diu 24B (1967) 416

Le Bellac, M., Pion conspiracy in $\pi N \to \rho\Delta$ 25B (1967) 524
Le Bellac, M., see V. Alessandrini 32B (1970) 285
Le Bellac, M., Pomeron dominance and inclusive multiparticle cross-sections 37B (1971) 413
Le Bellac, M., J.L. Meunier, Diffractive models and high multiplicities 43B (1973) 127
Le Bellac, M., H.I. Miettinen, R.G. Roberts, Structure of two-body correlations in high energy hadron production 48B (1974) 115
Le Bornec, Y., see I. Brissaud 48B (1974) 319
Le Bornec, Y., B. Tatischeff, L. Bimbot, I. Brassaud, J.P. Garron, H.D. Holmgren, F. Reide, N. Willis, Positive pion production at threshold on a ^{10}B target 49B (1974) 434
Le Bornec, Y., see L. Bimbot 49B (1974) 443
Le Brun, C., see J. Banaigs 43B (1973) 535; 45B (1973) 394,535
Leccia, F., see P. Mennrath 24B (1967) 285
Lechanoine, C., see G. Chikovani 23B (1966) 157; 25B (1967) 44
Lechanoine, C., see H. Benz 28B (1969) 233
Lechanoine, C., see G.E. Chikovani 28B (1969) 526
Lechanoine, C., see R. Baud 30B (1969) 129; 31B (1970) 397,401,549
Lechanoine, C., see Y.M. Antipov 40B (1972) 147
Lecomte, P., see R. Baud 31B (1970) 397,401
Lecomte, P., see Y.M. Antipov 40B (1972) 147
L'Ecuyer, J., see R.D. Gill 28B (1969) 116
Lederberger, T., see A. Faessler 39B (1972) 579
Ledergerber, T., see H.C. Pauli 34B (1971) 264
Ledergerber, T., H.C. Pauli, Lifetime estimates for asymmetric fission of ^{240}Pu, inclusing shell effects 39B (1972) 307
Lederer, B.R.E., see I.M. Bassett 32B (1970) 550
Lederer, C.M., see J.M. Jaklevic 29B (1969) 179
Lederman, L.M., see F.W. Büsser 46B (1973) 471; 48B (1974) 371,377
Ledingham, K.W.D., J.Y. Gourlay, M. Campbell, M.L. Fitzpatrick, A.D. Baillie, K-electron capture to positron emission ratios and the second class currents problem 50B (1974) 247
Lednev, A.A., see V.I. Belousov 43B (1973) 76
Le Dong, I., see I.A. Budagov 28B (1969) 215
Le Du, P., O. Guisan, W. Beusch, M. Borghini, E. Polgar, D. Websdale, L. Fluri, F.X. Gentit, P. Astvury, J. Gallivan, J. Jafar, J.A. Wilson, Polarization measurement of the $\bar{p}p \to \bar{n}n$ charge exchange at 8 GeV/c 44B (1973) 390
Le Du, P., see W. Beusch 46B (1973) 477
Lee, B.W., see J.L. Basdevant 29B (1969) 437
Lee, B.W., The process $\nu_\mu + p \to \nu_\mu + p + \pi^0$ in Weiberg's model of weak interactions 40B (1972) 420
Lee, B.W., Transformation properties of proper vertices in gauge theories 46B (1973) 214
Lee, F.D., see D.D. Watson 25B (1967) 472
Lee, H., Inequalities based on unitarity and duality 46B (1973) 117
Lee, H.C., R.Y. Cusson, Practical angular momentum projection method in multi-shell Hartree-Fock calculations; ^{22}Na as an example 39B (1972) 453
Lee, H.C., Electron scattering from factors for ^{12}C in the Hartree-Fock approximation 41B (1972) 421
Lee, I.Y., see T.K. Saylor 42B (1972) 51
Lee, J., see D. Bachelier 21B (1966) 697
Lee, J.K., see M. Bernas 25B (1967) 260,474
Lee, L.Y., see N.D. Gabitzsch 47B (1973) 234
Lee, L.Y., see M. Furic 47B (1973) 241

Lee, P.L., F. Boehm, X-ray isotope shifts and nuclear radii in Sm 35B (1971) 33
Lee, S.Y., see H.M. Hofmann 45B (1973) 421
Lee, S.Y., see J. Hüfner 49B (1974) 409
Lee, T.C., see E. Bernal 22B (1966) 240
Lee, W., Experimental limit on the neutral current in the semileptonic processes 40B (1972) 423
Lee, W., see B. Alper 44B (1973) 527
Lee, W.Y., see S.C. Cheng 34B (1971) 615
Lee, Y.K., see J.R. Oleson 25B (1967) 258
Lee, Y.Y., A comment on the Cabibbo angle determination of Gatto et al. 28B (1969) 682
Lee Chi Kwong, L.C.Y., see E. Eisenhandler 47B (1973) 531,536; 49B (1974) 201
Leemann, Ch., see C.R. Lamontagne 45B (1973) 465
Leenen, M., see K. Bätzner 39B (1972) 575
Lefort, M., see P. Colombani 42B (1972) 208
Lefrançois, J., see J. Buon 26B (1967) 595
Lefrançois, J., see J.E. Augustin 28B (1969) 503,513
Lefrançois, J., see B. Delcourt 29B (1969) 70, 75
Lefrançois, J., see D. Benaksas 39B (1972) 289; 42B (1972) 507,511
Lefrançois, J., see J. Badier 39B (1972) 414; 41B (1972) 387
Lefrançois, J., see G. Cosme 40B (1972) 685; 48B (1974) 155,159
Legrand, D., see R. Bertini 45B (1973) 119
Lehar, F., see J. Bystrický 28B (1969) 572
Lehar, F., see A. DeLesquen 40B (1972) 277
Lehar, F., see J. Deregel 43B (1973) 338
Lehar, F., see C. Bruneton 44B (1973) 471
Lehman, E., G.A. Winbow, What happens when a 10^{15} eV proton hits a nucleus 46B (1973) 372
Lehmann, B., see N. Bräuer 34B (1971) 54; 37B (1971) 186
Lehmann, H., Chiral invariance and effective range expansion for pion-pion scattering 41B (1972) 529
Lehmann, J., see J.P. Deutsch 29B (1969) 66
Lehmann, J., see A. Possoz 50B (1974) 438
Lehmann, P., see J. Buon 26B (1967) 595
Lehmann, P., see J.P. Deutsch 28B (1969) 178
Lehmann, P., see J.E. Augustin 28B (1969) 503,513
Lehmann, P., see V. Chabaud 38B (1972) 441,445,449; 41B (1972) 209
Lehmann, P., see Å. Eide 41B (1972) 255
Lehmann, P., see C. Baglin 47B (1973) 85,89
Leigh, J.R., see M.J. Emmot 22B (1966) 719
Leigh, J.R., F.S. Stephens, R.M. Diamond, Rotational bands in odd-odd holmium isotopes 33B (1970) 410
Leigh, J.R., see M. Evans 34B (1971) 609
Leigh, J.R., see K.H. Maier 35B (1971) 401
Leigh, J.R., see K. Nakai 44B (1973) 443
Leikin, E.M., see Yu.M. Aleksandrov 25B (1967) 372
Leinson, L.B., see Yu.T. Grin 37B (1971) 253
Leischner, E., see H.-D. Betz 22B (1966) 643
Leisi, H.J., see F.N. Gygax 32B (1970) 359
Leistam, L., see B. Alper 44B (1973) 521,527; 46B (1973) 265; 47B (1973) 75,275
Leiste, R., see M. Deutschmann 22B (1966) 112
Leiste, R., see J. Bartsch 25B (1967) 48

Leith, D.W.G., see R. Armenteros 24B (1967) 198
Leith, D.W.G.S., see J. Ballam 31B (1970) 489
Leith, D.W.G.S., see A.D. Brody 34B (1971) 665
Leith, D.W.G.S., see P. Baillon 35B (1971) 453; 38B (1972) 555
Leith, D.W.G.S., see B.N. Ratcliff 38B (1972) 345
Leith, D.W.G.S., see G.W. Brandenburg 44B (1973) 305
Leitner, E., see M. Baggett 42B (1972) 379
Leitner, J., see C.Y. Chang 23B (1966) 702
Leitner, J., see R.B. Palmer 26B (1967) 323
Leitz, W., see J. Bleck 26B (1967) 134; 28B (1969) 651
Lejeune, A., see J. Humblet 23B (1966) 561
Lejeune, A., J.P. Jeukenne, Truncation dependence of the ^{40}Ca Hartree–Fock field in the continuum 42B (1972) 171
Leksin, G.A., see Y.D. Bajukov 24B (1967) 598
Leksin, G.A., see A.O. Aganyants 27B (1968) 590
Leksin, G.A., see Yu.D. Bayukov 33B (1970) 416
Leland, W.T., see D.C. Williams 22B (1966) 162
Lemberg, I.Kh., see D.S. Andreyev 32B (1970) 187
Lemeilleur, F., see S. Kullander 34B (1971) 197
Lemoine, M., see M. Bourquin 36B (1971) 615
Lemoine, M., see P. Basile 36B (1971) 619
Lemonne, J., see T. Eichten 27B (1968) 586; 40B (1972) 593
Lemonne, J., see D. Haidt 29B (1969) 691,696
Lemonne, J., see W. Schweinberger 36B (1971) 246
Lemonne, J., see H.J. Steiner 36B (1971) 521
Lemonne, J., see F.J. Hasert 46B (1973) 121
Lemonne, J., see H. Braun 47B (1973) 182,185
Lendinara, L., see N. Armenise 25B (1967) 53; 26B (1967) 336
Lennon, C.O., P.R. Alderson, J.L. Durell, L.L. Green, I.M. Naqib, Spectroscopic factors for ^{19}F from the ^{18}O(^{3}He,d)^{19}F reaction 28B (1969) 253
Lenz, G., see D.J. Bredin 21B (1966) 677
Lenz, G.H., G.M. Temmer, Isobaric analog systematics and spectroscopy in the lead isotopes 24B (1967) 368
Lenz, G.H., G.M. Temmer, Erratum 25B (1967) 219
Leon, J., see G. Cocho 48B (1974) 63
Leon, M., X-ray yields in muonic hydrogen 35B (1971) 413
Leon, M., X-ray fields from pionic hydrogen 37B (1971) 87
Leon, M., R. Seki, Nuclear motion correction to exotic atom level widths 46B (1973) 299
Leon, M., R. Seki, Determination of the neutron halo from antiproton absorption 48B (1974) 173
Leon, M., Quadrupole mixing in hadronic atoms: an additional probe of the hadron-nucleus interaction 50B (1974) 425
Leonardi, R., see F. Cannata 32B (1970) 6
Leonardi, R., The neutron distribution in nuclei from bremsstrahlung–Weighted cross-sections 43B (1973) 455
Leonardi, R., E. Lipparini, Quadrupole sum rules for ^{4}He 47B (1973) 385
Leonhardt, J.L., see J.R. Pizzi 28B (1969) 32
Leontyev, V.M., see S.V. Golovkin 42B (1972) 136
Lepekhin, P.G., see M.G. Antonova 39B (1972) 282,285

Lepeltier, V., see G. Neuhofer 39B (1972) 271; 41B (1972) 642
Lepeltier, V., see M. Metcalf 40B (1972) 703
Lepeltier, V., see F. Niebergall 49B (1974) 103
Leray, T., see P. Chavanon 28B (1969) 296
Leray, T., see J.M. Abillon 32B (1970) 712
Leslie, J.R., D.J. Martin, W. McLatchie, Transitions between analogue states of ^{55}Fe 36B (1971) 76
Leśniak, H., L. Leśniak, Energy dependence of coherent production cross-section in nuclei 34B (1971) 135
Leśniak, H., L. Leśniak, Proton induced coherent production of particles in nuclei 40B (1972) 167
Leśniak, L., see W. Czyz 24B (1967) 227; 25B (1967) 319
Leśniak, L., see H. Leśniak 34B (1971) 135; 40B (1972) 167
Lesnik, A., see C.E.W. Ward 48B (1974) 471
Lesquoy, E., see F. James 35B (1971) 265
Lesquoy, E., see J. Alitti 39B (1972) 568
Lestienne, R., see K. Paler 43B (1973) 437; 48B (1974) 151
Lestringuez, J., G.M. Raisbeck, F. Yiou, R. Bernas, Cross sections for the production of berylium isotopes from the 880 MeV alpha-particle bombardment of carbon 36B (1971) 331
Letessier, J., see M. Cailliau 46B (1973) 11
Letheren, M., see W. Beusch 46B (1973) 477
Le Tourneux, J., see B. Giraud 32B (1970) 23
Leuenberger, H., see P. Huber 27B (1968) 86
Leutwyler, H., Local current algebra model with linear trajectories 31B (1970) 214
Leutwyler, H., J. Stern. New dispersion sum rules for inelastic e-p scattering 31B (1970) 458
Leutwyler, H., see J. Jersák 44B (1973) 105
Leutwyler, H., see H. Fritsch 47B (1973) 365
Leutwyler, H., On the average transverse momentum of the quarks within a meson 48B (1974) 45
Leutwyler, H., Is the quark mass as small as 5 MeV? 48B (1974) 431
Lev, A., see N. Auerbach 34B (1971) 13; 36B (1971) 453
Lev, A., W.P. Beres, M. Divadeenam, Nuclear spreading of an anti-analog state in ^{209}Bi 47B (1973) 408
Levanoni, M., see F.C. Zawislak 30B (1969) 541
Leveque, A., see A. Larribe 23B (1966) 600
Leveque, A., see P.J. Litchfield 24B (1967) 486
Leveque, A., see L. Moscoso 32B (1970) 513
Leveque, A., see G.R. Charlton 32B (1970) 720
Leveque, A., see V.V. Ammosov 42B (1972) 519
Leveque, A., see V.A. Bumazshnov 50B (1974) 283
Leveque, A., see J. Derre 50B (1974) 287
Levi, B.G., see A.D. Brody 34B (1971) 665
Levi, C., see G. Bassani 21B (1966) 442
Levi, C., M. Mermaz, L. Papineau, Evidence for an intermediate resonance in ^{26}Al 22B (1966) 483
Levi, C., see A. Adam 25B (1967) 122
Levi, C., see Y. Cassagnou 27B (1968) 631
Levin, D.N., S. Okubo, Implications of a large pionic charge radius 42B (1972) 233
Levin, E.M., M.G. Ryskin, The multiperipheral model with constant total cross section 41B (1972) 626
Levin, F.S., see D. Bouldin 37B (1971) 145
Levin, F.S., see D.P. Bouldin 42B (1972) 167
Levin, F.S., see D.J. Kouri 48B (1974) 203; 50B (1974) 421
Levine, L.P., see E. Bernal 21B (1966) 720; 22B (1966) 240

Levine, M.J., see T. Burnett 24B (1967) 467
Levine, M.J., see P.D. Bond 47B (1973) 231
Levinger, J.S., The minimum percent D-state for the deuteron 29B (1969) 216
Levinger, J.S., see E. Harms 30B (1969) 449
Levinger, J.S., see C. Burnap 33B (1970) 337
Levinger, J.S., see S.C. Bhatt 40B (1972) 23
Levintov, I.I., K.A. Ter-Martirosyan, Asymptotic nuclear spectroscopy 27B (1968) 69
Levi-Setti, R., see R. Armenteros 24B (1967) 198
Levrat, B., see G. Chikovani 22B (1966) 233; 23B (1966) 157; 25B (1967) 44
Levrat, B., C.A. Tolstrup, P. Schübelin, C. Nef, M. Martin, B.C. Maglić, W. Kienzle, M.N. Focacci, L. Dubal, G. Chikovani, Structure within the R(1675) boson and possible structures within the $A_2(1290)$ 22B (1966) 714
Levy, A., see Y. Eisenberg 22B (1966) 217,223; 34B (1971) 439
Levy, A., see Z.G.T. Guiragossián 30B (1969) 48
Levy, A., see J. Ballam 30B (1969) 421
Levy, F., see R.A. Donald 27B (1968) 58
Lévy-Leblond, J.M., J.P. Provost, Critical scattering of electrons by polar molecules 26B (1967) 104
Lewin, C., see F. Conte 22B (1966) 702
Lewin, K., D. Robaschik, Sum rules for deuteron Compton scattering 25B (1967) 522
Lewis, C.W., J.M. Blair, ^{8}Be detection and the ^{9}Be(^{7}Li, ^{8}Li)^{8}Be reaction 21B (1966) 326
Lewis, C.W., J.N. Mo, C.F. Monahan, M.F. Thomas, P.J. Twin, A low lying spin 1 state in ^{46}Ti 22B (1966) 476
Lewis, C.W., H. Ullrich, H.D. Englhardt, E.T. Boschitz, Possible alpha-particle cluster absorption of pions by ^{16}O 47B (1973) 339
Lewis, G.M., see H.C. Kirkman 32B (1970) 519
Lewis, G.M., see T.A. Armstrong 34B (1971) 535
Lewis, M., see D.M. Binnie 36B (1971) 257,537; 39B (1972) 275
Lewis, M.B., Evidence for collective core excitation in the low lying levels of ^{39}K 27B (1968) 13
Lewis, R.A., see B. Buschhorn 25B (1967) 622
Lewis, R.A., see C. Geweniger 28B (1969) 155
Lewis, R.A., see C. Geweniger 29B (1969) 41
Lewis, R.A., see J. DeWire 37B (1971) 326
Ley, L., see E. Bodenstedt 29B (1969) 165
Le Yaouanc, A., see Ph. Dennery 24B (1967) 470
Li, G.C., I. Sick, J.D. Walecka, G.E. Walker, M5 and higher magnetic moments in elastic electron scattering 32B (1970) 317
Li, G.C., I. Sick, M.R. Yearian, High energy elastic electron scattering from ^{24}Mg, ^{28}Si and S 37B (1971) 282
Li, K.K., see R.J. Abrams 30B (1969) 564; 45B (1973) 66
Li, K.K., see A.S. Carroll 45B (1973) 531
Li, S.Y., R.M. Dreizler, A. Klein, Effect of the Pauli principle on the representation of nucleon pair operators by means of bosons 32B (1970) 169
Li, T.Y., see R.M. Craig 21B (1966) 177
Liaud, P., see S. André 30B (1969) 160
Libby, L.M., F.J. Thomas, Equation of state for a degenerate baryon gas including strong forces 30B (1969) 88
Libby, L.M., F.J. Thomas, Stable masses and radii of super dense baryon stars 30B (1969) 400
Libby, L.M., see J. Lynch 35B (1971) 457

Libby, L.M., Dynamic interpretation of baryon and meson mass formulae 40B (1972) 307
Liberman, A.D., see D. Benaksas 39B (1972) 289; 42B (1972) 507,511
Liberman, A.D., see G. Cosme 40B (1972) 685; 48B (1974) 155
Liberman, A.D., see A.A. Derevchekov 48B (1974) 367
Lichtenstein, C.A., see W.W. Ash 24B (1967) 165
Lichtman, S., see D.H. Miller 28B (1969) 51
Lichtner, P., D. Drechsel, J. Maruhn, W. Greiner, Fission mass asymmetry as a dynamic process described by a collective coordinate 45B (1973) 175
Lichtner, P., see P.-G. Reinhard 49B (1974) 315
Lieb, E.H., M. de Llano, Some exact results in the Hartree–Fock theory of a many-fermion system at high-densities 37B (1971) 47
Lieb, K.P., J.J. Kent, T. Hausmann, C.E. Watson, Weak-coupling states in odd Zr isotopes 32B (1970) 273
Lieder, R.M., H. Beuscher, W.F. Davidson, P. Jahn, H.-J. Probst, C. Mayer-Böricke, Observation of anomalous behaviour of the nuclear moment of inertia at large rotational frequencies in ^{164}Yb and ^{168}Hf 39B (1972) 196
Lieder, R.M., see H. Beuscher 40B (1972) 449
Lieder, R.M., H. Beuscher, W.F. Davidson, A. Neskakis, C. Mayer-Böricke, Y. El Masri, P. Monseu, J. Steyaert, J. Vervier, Twin backbending in ^{156}Dy 49B (1974) 161
Lien, J.R., see C. Ellegaard 40B (1972) 641
Ligatto de Slobodrian, M.L.V., On the determination of the nucleon-nucleon scattering parameters through final state interactions 50B (1974) 225
Lightbody Jr., J.W., Electron scattering sum rule for ^{12}C-experiment and theory 33B (1970) 129
Lightbody Jr., J.W., Electron scattering from one- and two-phonon vibrational states 38B (1972) 475
Lightman, A.P., W.J. Gerace, A model-independent calculation of the alpha and beta stability of superheavy nuclei 30B (1969) 526
Likhachev, M.F., see T. Dobrowolski 24B (1967) 203
Likhachev, M.F., see V.K. Birulev 38B (1972) 452
Likhachev, M.F., see Berlin... collaboration 48B (1974) 257
Likhachev, M.F., see K.F. Albrecht 48B (1974) 393
Liland, A., H. Pilkuhn, Scaling law for fast pion production by 20–70 GeV protons 29B (1969) 663
Lillethun, E., see J.V. Allaby 27B (1968) 49
Lillethun, E., see B. Alper 44B (1973) 521,527; 46B (1973) 265; 47B (1973) 75,257
Lim, T.G., see K. Böckmann 28B (1969) 72
Lim, T.K., Normalization of the p-^{3}H and n-^{3}He tails of ^{4}He and the ^{4}He charge form factor 44B (1973) 341
Lim, T.K., Alpha-deuteron cluster structure of ^{6}Li 47B (1973) 397
Lim, T.L., τ-d overlap function and the τ charge form factor 43B (1973) 349
Limentani, S., see R.A. Donald 26B (1967) 327
Limentani, S., see A. Brabson 42B (1972) 283,287
Limon, J., see R. Beilliere 30B (1969) 202
Lin, A.L.L., see C.P. Wang 35B (1971) 424
Lin, J., see W.R. Coker 45B (1973) 321
Lin, L., see A. Goswami 25B (1967) 451; 42B (1972) 319
Lin, L., B.E. Chi, A. Goswami, On the possibility of spin-, isospin- and spin-isospin-quadrupole collective excitation modes in nuclei 37B (1971) 21
Lin, L., see A. Faessler 44B (1973) 127; 48B (1974) 87
Lin, L., R.M. Dreizler, B.E. Chi, Instability of the quasi-particle vacuum and band-crossing in high-spin rotational states 49B (1974) 117

Lin, W.-F., Dispersion corrections to the electron-nucleus scattering 39B (1972) 447
Lin, W.-K., Isospin mixing of the first $T = \frac{3}{2}$ states in ^{9}Be and ^{9}B 37B (1971) 480
Lindahl, A., see P. Hornshøj 43B (1973) 377
Linde, A.D., see D.A. Kirzhnits 42B (1972) 471
Lindgren, I., see C. Ekström 26B (1967) 146
Lindgren, K., see G.G. Jonsson 26B (1967) 508
Lindgren, R.A., J.G. Pronko, A.J. Howard, D.A. Bromley, The identification of mirror state structure in ^{21}Na and ^{21}Ne 32B (1970) 103
Lindgren, R.A., F.C. Young, B. Cotton, Spins of the isospin mixed 5.61 and 5.67 MeV levels in ^{18}F 37B (1971) 358
Lindgren, R.A., see W.P. Alford 42B (1972) 60; 46B (1973) 356
Lindgren, R.A., R.G. Markham, H.W. Fulbright, The ^{6}Li-induced three-nucleon transfer reaction on ^{40}Ca 48B (1974) 209
Lindgren, R.A., J.P. Trentelman, N. Anantaraman, H.E. Gove, F.C. Jundt, Odd-parity levels excited in ^{32}S and ^{36}Ar via 'alpha-particle' transfer 49B (1974) 263
Lindstrom, D.P., see J.C. Browne 28B (1969) 26
Ling, C., see R. Heffner 26B (1967) 150
Linglin, D., see G. Bassompiere 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
Linglin, D., see M. Jobes 26B (1967) 49
Linglin, D., see R.J. Miller 34B (1971) 230
Linglin, D., see B. Chaurand 38B (1972) 253
Linglin, D., see R. Barloutaud 38B (1972) 257
Linglin, D., see K. Paler 43B (1973) 437
Link, R., N. Backe, R. Engfer, L. Fluri, R. Michaelsen, C. Petitjean, H. Schneuwly, H.K. Walter, Magnetic hyperfine splitting of the $2s_{1/2} - 2p_{1/2}$ 37B (1971) 50
Link, R., see H.K. Walter 40B (1972) 197
Link, R., L. Schellenberg, H. Backe, R. Engfer, E. Kankeleit, R. Michaelsen, H. Schneuwly, W.U. Schröder, J.L. Vuilleumier, H.K. Walter, A. Zehnder, Magnetic hyperfine interaction of the 2^{+} rotational states in muonic ^{190,192}Os 42B (1972) 57
Linscott, I.R., see J.E. Nelson 47B (1973) 281
Liotta, R., see R.A. Broglia 38B (1972) 480
Liotta, R., see L. Landowne 43B (1973) 160
Liotta, R., see B. Nilsson 47B (1973) 189
Liotta, R.J., see G.G. Dussel 37B (1971) 477
Liou, M.K., see L.S. Celenza 41B (1972) 283; 42B (1972) 331
Lipas, P.O., see F. Haapakoski 31B (1970) 493
Lipatov, L.N., see G.V. Frolov 22B (1966) 671; 31B (1970) 34
Lipatov, L.N., see V.N. Gribov 37B (1971) 78
Lipatov, L.N., see E.A. Kuraev 47B (1973) 33
Lipkin, H.J., A no-go theorem for duality and baryon-antibaryon scattering 32B (1970) 301
Lipkin, H.J., Mirror transitions and second class currents 34B (1971) 202
Lipkin, H.J., Universality sum rules and SU(3) symmetry breaking 35B (1971) 450
Lipkin, H.J., Configuration mixing in the baryon octet 35B (1971) 534
Lipkin, H.J., see E. Hirsch 36B (1971) 139,385
Lipkin, H.J., see M. Kugler 38B (1972) 423
Lipkin, H.J., Triality, exotics and the dynamical basis of the quark model 45B (1973) 267
Lipman, N.H., see E.H. Bellamy 39B (1972) 299
Lipman, N.H., H. Uto, T.G. Walker, T.A. Montgomery, C.M. Solomonides, E.H. Bellamy, J. Anderson, J.F. Crawford, P.E. Osmon, J.A. Strong, R.P. Vickery, R.N.F. Walker, A test of the $\Delta I = \frac{1}{2}$ rule and the Lee-Sugawara relation in the decay $\Sigma^{+} \to p\pi^{0}$ 43B (1973) 89

Lipman, N.H., see M.R. Jane 48B (1974) 260,265
Lipnik, P., see J.P. Deutsch 26B (1967) 315; 28B (1969) 178; 29B (1969) 66
Lipnik, P., see P. Igo-Kemenes 34B (1971) 286
Lipparini, E., see R. Leonardi 47B (1973) 385
Lipperheide, R., Stripping into the continuum 32B (1970) 555
Lipperheide, R., K. Möhring, The reaction ^{15}N(d, p)^{16}N (unbound) and the off-energy-shell n-^{15}N total cross section 39B (1972) 323
Lipperheide, R., see W. Fritsch 45B (1973) 103
Lippincott, E.P., see A.M. Bernstein 30B (1969) 20
Lippmann, H., see G. Grayer 34B (1971) 333
Lipson, E.D., F. Boehm, J.C. Vanderleeden, Measurement of parity admixtures in nuclear forces in ^{180}Hf and ^{159}Tb 35B (1971) 307
Liskien, H., see A. Paulsen 29B (1969) 562
Lissauer, D., see A. Firestone 36B (1971) 513
Litchfield, P.J., see A. Larribe 23B (1966) 600
Litchfield, P.J., L.K. Rangan, A.M. Segar, J.R. Smith, A. Larribe, A. Leveque, A. Müller, E. Pauli, D. Revel, B. Tallini, Study of the decay mode $\pi^+\pi^-\gamma$ 24B (1967) 486
Litherland, A.E., see N. Anyas-Weiss 27B (1968) 161
Litherland, A.E., see H. Röpke 27B (1968) 368
Litherland, A.E., see J.H. Aitken 28B (1969) 653; 30B (1969) 473
Litherland, A.E., see G.T. Ewan 29B (1969) 352
Litherland, A.E., see D.W.O. Rogers 37B (1971) 65
Litt, J., G. Buschhorn, D.H. Coward, H. Destaebler, L.W. Mo, R.E. Taylor, B.C. Barish, S.C. Loken, J. Pine, J.I. Friedman, G.C. Hartman, H.W. Kendall, Measurement of the ratio of the proton form factors, G_E/G_M, at high momentum transfer and the question of scaling 31B (1970) 40
Litt, J., see J.V. Allaby 34B (1971) 431
Litt, J., see U. Amaldi 34B (1971) 435; 368 (1971) 504; 43B (1973) 231
Litt, L., see P.M. Joseph 26B (1967) 41
Litt, L., see N. Hicks 29B (1969) 602
Litt, L., see F.W. Büsser 46B (1973) 471; 48B (1974) 371,377
Liu, M., see W. Von Oertzen 28B (1969) 482
Liu, C.H., see R.L. King 31B (1970) 567
Livesey, D.L., see J.L. Black 30B (1969) 100
Ljung, S., see N.K. Yamdagni 37B (1971) 117
Llewellyn Smith, C.H., A relativistic quark model for mesons and the "Weisskopf-Van Royen paradox" 28B (1969) 335
Llewellyn Smith, C.H., High energy behaviour and gauge symmetry 46B (1973) 233
Lloret, A., see R. Arnold 27B (1968) 466; 36B (1971) 261
Lloret, A., see C. Baglin 29B (1969) 445
Lloret, A., see M. Haguenauer 34B (1971) 219; 37B (1971) 538
Llosá, R., see T. Eichten 27B (1968) 586
Llosá, R., see M. Haguenauer 34B (1971) 219; 37B (1971) 538
Lloyd, J.L., see R.T. Ross 38B (1972) 177
Lo, S.Y., The neutron form factors 27B (1968) 308
Lo, S.Y., K.K. Phua, Selection rules for inclusive reactions 38B (1972) 415
Lobar, W., see J. Foss 25B (1967) 166
Lobashov, V.M., V.A. Nazarenko, L.F. Saenko, L.M. Smotritsky, G.I. Kharkevitch, Parity non-conservation in the gamma decay of ^{181}Ta 25B (1967) 104

Lobashov, V.M., N.A. Lozovoy, V.A. Nazarenko, L.M. Smotrizky, G.I. Kharkevitsch, Parity non-conservation in the γ-decay of ^{41}K 30B (1969) 39
Lobkowicz, F., see M.E. Nordberg Jr. 24B (1967) 594
Löbner, K.E.G., Systematics of absolute transition probabilities of K-forbidden gamma-ray transitions 26B (1967) 369
Löbner, K.E.G., see C.V.K. Baba 48B (1974) 218
Locher, M.P., H. Rollnik, Reggeized vector meson exchange for neutral pion-photoproduction 22B (1966) 696
Locher, M.P., H. Romer, Inelastic meson-nucleon-scattering in the quark model 23B (1966) 496
Locher, M.P., see T.E.O. Ericson 26B (1967) 91; 27B (1968) 576
Lochte-Holtgreven, W., see U. Fischer 44B (1973) 161
Locke, D.H., see D.C. Colley 24B (1967) 489
Locke, D.H., see M.G. Albrow 40B (1972) 136; 42B (1972) 279; 44B (1973) 207,518
Lockeretz, W., see N. Hicks 29B (1969) 602
Loe, R., see J. DeWire 37B (1971) 326
Loebenstein, H.M., see G. Goldring 25B (1967) 538
Loebinger, F.K., see M.G. Albrow 29B (1969) 54; 33B (1970) 516; 42B (1972) 279; 44B (1973) 207,518
Loeffel, J.J., A. Martin, B. Simon, A.S. Wightman, Padé approximants and the anharmonic oscillation 30B (1969) 656
Loeffler, F.J., see D.H. Miller 28B (1969) 51
Loeffler, G., see L. Criegee 28B (1969) 282
Logan, R.K., see P.B. James 25B (1967) 38
Logue, L.J., The effect of excited 0^+ states on the *ft* values of superallowed beta decays 29B (1969) 642
Logunov, A.A., L.D. Soloviev, A.N. Tavkhelidze, Dispersion sum rules and high energy scattering 24B (1967) 181
Logunov, A.A., M.A. Mestvirishvili, Small-angle scattering and a lower bound for the scattering amplitude at large angles 24B (1967) 583
Logunov, A.A., M.A. Mestvirishvili, Analyticity in the *t*-plane and the exponential growth of the scattering amplitude 24B (1967) 620
Logunov, A.A., M.A. Mestvirishvili, Nguyen Van Hieu, High-energy behaviour of inelastic cross sections 25B (1967) 611
Logunov, A.A., M.A. Mestvirishvily, Low energy theorem and scale invariance at high energies 37B (1971) 525
Logunov, A.A., see V.V. Ezhela 47B (1973) 501
Loh, E.C., see J. DeWire 37B (1971) 326
Löhken, R., see G. Hauser 27B (1968) 220
Löhken, R., see G.W. Schweimer 39B (1972) 627
Lohrmann, E., see H.G. Hilpert 23B (1966) 707
Lohrmann, E., see R. Erbe 27B (1968) 54
Lohse, E., see B. Alper 44B (1973) 521
Loiseau, B., see R. Vinh Mau 44B (1973) 1
Loiseaux, J.M., see C. Glashausser 31B (1970) 289
Loiseaux, J.M., see J. Menet 40B (1972) 192
Loiseaux, J.M., see Y. Terrien 45B (1973) 235
Lo Iudice, N., D.J. Rowe, S.S.M. Wong, A shell-model calculation of the mass 18 nuclei and the effective interaction in the sd-shell 37B (1971) 44
Loken, J., see J. Mott 23B (1966) 171
Loken, J., see L.G. Hyman 25B (1967) 376

Loken, S.C., see J. Litt 31B (1970) 40
Lomakin, Yu.F., see G. Bozóki 28B (1969) 360
Lombard, R., see U. Amaldi Jr. 22B (1966) 593
Lombard, R., see U. Amaldi 25B (1967) 24
Lombard, R.J., see K.A. Brueckner 31B (1970) 97
Lombard, R.J., Comparison between Hartree–Fock and Thomas–Fermi calculations using effective interactions 32B (1970) 652
Lombard, R.J., On the stability of the even He-isotopes 35B (1971) 493
Lombard, R.J., J.P. Auger, R. Basile, Pion production and nuclear surface 36B (1971) 480
Lombard, R.J., see J.P. Auger 45B (1973) 115; 47B (1973) 261; 48B (1974) 445
Lombard, R.J., see M. Beiner 47B (1973) 399
Lombard, R.M., see M.P. Barbier 34B (1971) 386
Lombard, R.M., see A.B. Kurepin 37B (1973) 184; 45B (1973) 184
Lombard, R.M., see F. Resmini 37B (1971) 275
Lombardi, M., see P.A. Moskowitz 46B (1973) 334
Lomkatsi, G.S., see M.S. Dubovikov 23B (1966) 716
Lomkatsi, G.S., see V.M. Guzhavin 23B (1966) 719
Lomkatsi, G.S., see I.A. Vetlitsky 21B (1966) 579
Lomon, E.L., An additional radiative correction to wide angle pair production 21B (1966) 555
Loncke, P., J. Pradal, Isospin quintuplets in $A = 20$ nuclei 22B (1966) 320
Londergan, J.T., E.J. Moniz, Coupled channel approach to the off-shell transition matrix 45B (1973) 195
London, G.W., see T. Eichten 27B (1968) 586
Lone, M.A., see R.E. Chrien 25B (1967) 195
Longequeue, J.P., see N. Longequeue 32B (1970) 596
Longequeue, J.P., see J.F. Bruandet 37B (1971) 58
Longequeue, N., J.F. Longequeue, B. Vignon, Etat $T = T_z + 2$ du ^{44}Ti obtenu par réaction ^{46}Ti(p, t)^{44}Ti 32B (1970) 596
Longequeue, N., see J.F. Bruandet 37B (1971) 58
Longhi, G., see M. Ademollo 22B (1966) 521
Longo, G., F. Saporetti, The effect of a volume form of the particle-vibration coupling in fast nucleon radiative capture 42B (1972) 17
Longo, M.J., see L.W. Jones 27B (1968) 328; 36B (1971) 509
Longo, M.J., see E.F. Parker 31B (1970) 246,250
Longo, M.J., see P.R. Robrish 31B (1970) 617
Longo, M.J., see S.S. Wilson 35B (1971) 83
Longo, M.J., L.W. Jones, D.D. O'Brien, J.C. Vandervelde, M.B. Davis, B.G. Gibbard, M.N. Kreisler, Neutron diffraction dissociation and Coulomb dissociation from nuclei 36B (1971) 560
Longuemare, C., C.A. Piketty, Asymmetry of the most energetic neutrons emitted after muon capture by nuclei 38B (1972) 125
Loos, G., see W. Kreische 29B (1969) 170; 30B (1969) 614
Loos, J.S., see G.W. Brandenburg 44B (1973) 305
Loos, J.S., see M.E. Binkley 45B (1973) 295
Loos, L.L., N.H. Fuchs, L.J. Gutay, J.H. Scharenguivel, An experimental test of the single channel Lovelace-Wagner-Veneziano model 31B (1970) 470
Lopac, V., see G. Alaga 24B (1967) 537; 43B (1973) 459
Lopac, V., see L. Šips 32B (1970) 649
Lopato, P., see J. Saudinos 22B (1966) 492
Lopato, P., see G. Vallois 22B (1966) 659

Lopes, J.S., see H.J. Rose 22B (1966) 601
Lopes, J.S., see O. Häusser 22B (1966) 604
López, C., F.J. Ynduráin, Model independent calculation of K_p dispersion relations 41B (1972) 183
Lopez, W.M., see M.P. Fricke 29B (1969) 393
Lorazo, B., An extension of the generalized seniority coupling scheme 29B (1969) 150
Lorazo, B., R. Arvieu, Validity of the Talmi's mass formula for single closed shell nuclei 49B (1974) 231
Lorentz, E., see G. Grayer 39B (1972) 563
Lorenz, E., see B.D. Hyams 24B (1967) 634; 29B (1969) 128,521
Lorenz, E., see G. Grayer 34B (1971) 333; 35B (1971) 610
Lorenz, Th., see H. Fuchs 37B (1971) 285
Loret, M., see R. Ballini 21B (1966) 708
Loret, M., see V.V. Ammosov 42B (1972) 519
Loret, M., see H. Blumenfeld 45B (1973) 525,528
Lörstad, B., see M. Aguilar-Benitez 29B (1969) 62,241,379
Lory, J., see Barcelona...collaboration 48B (1974) 467
Łoskiewicz, J., see S. Brandt 22B (1966) 109,230
Łoskiewicz, J., see J. Bartke 24B (1967) 118,163
Łoskiewicz, J., see J. Bartsch 25B (1967) 48
Łoskiewicz, J., see J. Derre 50B (1974) 287
Losty, M.J., see J. Bartsch 33B (1970) 186
Losty, M.J., see J.V. Beaupré 34B (1971) 160
Losty, M.J., see V. Chaloupka 44B (1973) 211
Losty, M.J., see J. Louie 48B (1974) 385
Louedec, C., see L. Moscoso 32B (1970) 513
Louedec, C., see G.R. Charlton 32B (1970) 720
Louedec, C., see R.J. Miller 34B (1971) 230
Louedec, C., see B. Chaurand 38B (1972) 253
Louedec, C., see R. Barloutaud 38B (1972) 257
Louedec, C., see K. Paler 43B (1973) 437; 48B (1974) 151
Louie, J., J. Alitti, B. Gandois, J. Mallet, V. Chaloupka, A. Ferrando, M.J. Losty, L. Montanet, E. Paul, D. Yaffe, A. Zieminski, Measurement of the four-pion decay of the f° (1270) meson 48B (1974) 385
Lovas, I., see P. Doleschall 21B (1966) 546
Lovas, I., see P. Beregi 33B (1970) 150
Lovas, R.G., see B. Gyarmati 35B (1971) 549
Love, A., see F. Drago 31B (1970) 647
Love, A., G.G. Ross, Nonlinear unitary symmetry 35B (1971) 231
Love, A., G.G. Ross, Duality and nonlinear SU_3 36B (1971) 118
Love, A., D.V. Nanopoulos, SU(3) × SU(3) of currents, $SU_W(6)$ of constituents and electromagnetic decays 45B (1973) 507
Love, T.A., see F.E. Bertrand 24B (1967) 653
Love, W.G., G.R. Satchler, T. Tamura, Multiple excitation and the shell model description of ^{90}Zr (p,p') reaction 22B (1966) 325
Love, W.G., Core polarization and the scattering of 155 MeV protons 26B (1967) 271
Love, W.G., L.W. Owen, R.M. Drisko, G.R. Satchler, R. Stafford, R.J. Philpott, W.T. Pinkston, Realistic interactions and exchange effects in the inelastic scattering of protons 29B (1969) 478
Love, W.G., L.J. Parish, A. Richter, Realistic interaction calculations of (p, n) reactions including tensor knockout amplitudes 31B (1970) 167

Love, W.G., Evidence for the importance of the nucleon-nucleon spin-orbit interaction in the inelastic excitation of high spin states in ^{90}Zr 35B (1971) 371
Love, W.G., L.W. Owen, One-step processes in the inelastic excitation of unnatural parity states by alpha-particles 37B (1971) 463
Love, W.G., Multiple excitation of the second 0^+ state in ^{90}Zr 42B (1972) 13
Lovelace, C., R.M. Heinz, A. Donnachie, New evidence for the sigma meson 22B (1966) 332
Lovelace, C., see A. Donnachie 26B (1967) 161
Lovelace, C., A novel application of Regge trajectories 28B (1969) 264
Lovelace, C., Simple *N*-reggeon vertex 32B (1970) 490
Lovelace, C., *M*-loop generalized Veneziano formula 32B (1970) 703
Lovelace, C., Pomeron form factors and dual Regge cuts 34B (1971) 500
Lovelace, C., Relation between Regge cut theories 36B (1971) 127
Lovelace, C., Multi-pomeron selection rules 40B (1972) 551
Loveland, W., J.R. Huizenga, A. Bekhami, J.H. Roberts, Identification of single-particle states in the fission transition nucleus ^{235}U 24B (1967) 666
Løvhøiden, G., B. Skaali, P.R. Christensen, Wavefunctions for the two-quadrupole phonon states in ^{124}Te 34B (1971) 125
Løvhøiden, G., see D.G. Burke 43B (1973) 470
Lövhöiden, G., see N. Trautner 44B (1973) 41
Lövhöiden, G., see K. Nakai 44B (1973) 443
Low, K.S., T. Tamura, Remarks on the excitation function of the scattering cross section between heavy ions 40B (1972) 32
Low, K.S., T. Tamura, Exact finite-range DWBA analyses of (^{12}C, ^{11}C) and (^{12}C, ^{13}C) reaction from ^{208}Pb 48B (1974) 285
Lowe, J., D.L. Watson, Analysis of proton-carbon elastic scattering in the range 20–28 MeV 23B (1966) 261
Lowe, J., see V. Hnizdo 35B (1971) 35
Lowys, J.P., see L. Behr 22B (1966) 540
Lowys, J.P., B. Aubert, L.M. Chounet, C. Pascaud, L. Behr, Measurement of the $K_L^0 \to \pi\mu^\nu$ absolute decay rate; further results on $K_L^0 \to \pi e_\nu$, and measurement of the K_L^0 mean life 24B (1967) 75
Lowys, J.P., see T. Eichten 27B (1968) 586
Lowys, J.P., see I.A. Budagov 28B (1969) 215
Lowys, J.P., see D. Haidt 29B (1969) 696
Lowys, J.P., see H.J. Steiner 36B (1971) 521
Lozovoy, N.A., see V.M. Lobashov 30B (1969) 39
Lu, C.C., see N. Mangelson 21B (1966) 661; 23B (1966) 140
Lu, C.C., M.S. Zisman, B.G. Harvey, Proton-neutron two-particle excited states of the $(1g_{\frac{9}{2}})^2_9+$ configuration 27B (1968) 217
Lu, D.C., see S. Mori 28B (1969) 152
Lu, E.Y.C., see H.C. Baker 38B (1972) 110
Lubatti, H.J. see D.B. Bastien 50B (1974) 290
Lubatti, H.J., see H. Högaasen 26B (1967) 166
Lubatti, H.J., see B. Daugeras 27B (1968) 332
Lubatti, H.J., see R. Huson 28B (1969) 208
Lubbers, J., see L. Niesen 24B (1967) 144
Lübelsmeyer, K., see M. Braunschweig 22B (1966) 705; 26B (1967) 405
Lübelsmeyer, K., see W. Braunschweig 33B (1970) 236

Lübelsmeyer, K., see H. Bienlein 46B (1973) 131
Lübelsmeyer, K., see Ch. Berger 47B (1973) 377
Lübelsmeyer, L., see C. Bemporad 25B (1967) 380; 29B (1969) 383
Lubimov, A.L., see T. Dobrowolski 24B (1967) 203
Lucas, C., see K. Okamoto 26B (1967) 188
Lucas, C.W., see H. Überall 44B (1973) 324
Ludemann, C.A., see J.B. Marion 22B (1966) 172
Ludemann, C.A., see P.G. Roos 24B (1967) 656
Ludlam, T., see J. Hanlon 46B (1973) 415
Ludlam, T., R. Slansky, J. Slaughter, F.T. Dao, J. Lach, E. Malamud, J. Schivell, R. Poster, R. Engelmann, T. Kafka, M. Pratap, Clustering patterns in high-energy hadron collisions 48B (1974) 449
Ludwig, E.J., see S. Fiarman 22B (1966) 175
Ludwig, E.J., see W.S. McEver 31B (1970) 560
Ludwig, E.J., see T.G. Dzubay 33B (1970) 302
Lüers, D., see H.J. Mück 39B (1972) 303
Lugaresi-Serra, P., see G. Giacomelli 33B (1970) 373
Lugetsky, N.N., see V.D. Antopolsky 28B (1969) 220,223
Lugnér, K., see P. Dougan 46B (1973) 359; 49B (1974) 194
Łukaszuk, L., A. Martin, Consistency of pion-pion shifts with analyticity 21B (1966) 96
Łukaszuk, L., A generalization of the Watson theorem 47B (1973) 51
Lüke, D., see H.G. Hilpert 23B (1966) 707
Lüke, D., see R. Erbe 27B (1968) 54
Lukyanov, V.K., I.Z. Petkov, Multi-step stripping on deformed nuclei 28B (1969) 368
Lukyanov, V.K., K.A. Gridnev, V.S. Zvonov, On multiple excitation near the Coulomb barrier 29B (1969) 535
Lukyanov, V.K., Perturbation approach to the multi-step stripping on deformed nuclei 34B (1971) 354
Lumpkin, A.H., see G. Scharff-Goldhaber 44B (1973) 416
Lund, N., B. Peters, R. Cowsik, Y. Pal, On the isotopic composition of primary cosmic ray nuclei 31B (1970) 553
Lundby, A., see W.F. Baker 23B (1966) 605; 25B (1967) 361; 28B (1969) 291
Lundby, A., see J. Banaigs 24B (1967) 317
Lundby, A., see P.J. Carlson 33B (1970) 502
Lundby, A., see V. Chabaud 38B (1972) 441,445,449; 41B (1972) 209
Lundby, A., see Å. Eide 41B (1972) 225
Lundby, A., see F.H. Schmidt 45B (1973) 157
Lundby, A., see C. Baglin 47B (1973) 85, 89
Lundy, R.A., see S.P. Ying 30B (1969) 289
Lusanna, L., see C. Boldrighini 40B (1972) 573
Lush, G.J., see P.C. Barber 32B (1970) 214
Lushchikov, V.I., see V.P. Alfimenkov 24B (1967) 151
Lushchikov, V.I., see L.V. Groshev 34B (1971) 293
Lusignoli, M., M. Restignoli, G.A. Snow, G. Violini, Determination of NΛK coupling constant from KN dispersion relations 21B (1966) 229
Lusignoli, M., see F. Bucella 21B (1966) 572
Lusignoli, M., M. Restignoli, G. Violini, $K_L^0 \to K_S^0$ regeneration on hydrogen 24B (1967) 296
Lusignoli, M., see D. Atkinson 29B (1969) 423
Lüth, V., see S. Gjesdal 40B (1972) 132; 44B (1973) 217

Lüth, V., see C. Geweniger 48B (1974) 483,487
Luthe, J., see V. Barger 42B (1972) 428
Luthe, J., see F. Halzen 48B (1974) 440
Lütjens, G., see B.D. Hyams 24B (1967) 634; 29B (1969) 128,521
Lütjens, G., see G. Grayer 34B (1971) 333; 35B (1971) 610; 39B (1972) 563
Lütken, H., see J.P. Bondorf 21B (1966) 185
Lutphullaev, S., see Alma...collaboration 48B (1974) 277
Lutsik, V.A., see Yu.N. Rakivnenko 44B (1973) 462
Lutz, A.M., see T. Eichten 40B (1972) 593; 46B (1973) 274,281
Lutz, A.M., see F.J. Hasert 46B (1973) 121,138
Lutz, G., see H.R. Blieden 39B (1972) 668
Lutz, W.R., see R.D. Larsen 40B (1972) 360
Luukko, A., see A. Kerek 31B (1970) 10
Luzhetsky, N., see A. Babaev 38B (1972) 342
Lyakhovitsky, V.N., see I.M. Narodetsky 46B (1973) 51
Lynch, F.J., K.-E. Nystén, R.E. Holland, R.D. Lawson, Lifetimes of low-energy levels in ^{45}Ti 32B (1970) 38
Lynch, G., see B. Alper 44B (1973) 521; 46B (1973) 265; 47B (1973) 75,275
Lynch, G.R., see M. Alston-Garnjost 33B (1970) 607; 34B (1971) 156; 36B (1971) 152; 39B (1972) 402
Lynch, G.R., see S.M. Flatté 34B (1971) 551; 38B (1972) 232
Lynch, G.R., see S.U. Chung 47B (1973) 526
Lynch, G.R., see W.F. Buhl 48B (1974) 388
Lynch, H.L., see A. Böhm 27B (1968) 321,594
Lynch, H.L., see P. Baillon 35B (1971) 453; 38B (1972) 555
Lynch, H.L., see B.N. Ratcliff 38B (1972) 345
Lynch, J., A. Peekna, W.D. Walker, C. Mistretta, R. Clear, D.N. Hoa, J.D. Prentice, D. Tam, E.C. West, M. Dickinson, A. Franklin, L.M. Libby, J. Bishop, J. Hsieh, D. Huwe, B. Munir, Peculiarities observed in the reaction $\pi p \to K\pi\Lambda$ 35B (1971) 457
Lynch, R.P., see T.D. Thomas 27B (1968) 504
Lynen, U., see W.R. Hering 21B (1966) 695
Lynen, U., Ch.V.D. Malsburg, R. Santo, R. Stock, Angular distributions of the ^{90}Zr (d,p) reaction and the coupling of analogous (d,p) and (d,n) channels 24B (1967) 237
Lynen, U., R. Bock, R. Santo, R. Stock, Particle-hole states in ^{41}Ca and analog states of ^{41}K, observed in the ^{42}Ca (^{3}He, α) reaction 25B (1967) 9
Lynen, U., R. Santo, D. Schmitt, R. Stock, Anomalous spectroscopic factors for ^{40}Ca(^{3}He, α)^{39}Ca as compared to other pickup reactions on Ca isotopes 27B (1968) 76
Lynen, U., see G. Backenstoss 32B (1970) 399; 33B (1970) 230; 36B (1971) 403; 38B (1972) 181; 41B (1972) 552
Lynen, U., see A. Bamberger 33B (1970) 233; 36B (1971) 412
Lynen, U., see M.A. Faessler 46B (1973) 468
Lynen, Y., see G. Backenstoss 43B (1973) 431
Lyons, L., see D.C. Colley 24B (1967) 489
Lyons, L., see G. Yekutieli 34B (1971) 101
Lys, J., see R.A. Donald 22B (1966) 711; 25B (1967) 448
Lyth, D.H., Dynamical derivation of a result recently obtained from symmetries 21B (1966) 338
Lyth, D.H., Erratum 21B (1966) 719
Lyth, D.H., see R.C.E. Devenish 36B (1971) 394; 47B (1973) 53
Lyubimov, A.L., see V.K. Birulev 38B (1972) 452
Lyubimov, A.L., see Berlin...collaboration 48B (1974) 257

Lyubimov, V., see A. Babaev 38B (1972) 342
Lyubimov, V., see O. Balea 39B (1972) 571
Lyubimov, V., see Alma. . .collaboration 48B (1974) 277
Lyubimov, V.A., see V.D. Antopolsky 28B (1969) 220,223

Maas, R., see C.W. De Jager 39B (1972) 188
Maas, R., C.W. De Jager, Elastic electron scattering at 30–80 MeV from ^{142,146,150}Nd 48B (1974) 212
Macagno, E.R., see S.C. Cheng 34B (1971) 615
MacDonald, F., see D.C. Colley 24B (1967) 489
MacDonald, J.A., N.A. Jelley, J. Cerny, Analyzing in ^{208}Pb($\vec{p}$,t)^{206}Pb 47B (1973) 237
MacDonald, J.R., see M.C. Bertin 26B (1967) 623
MacDonald, J.R., see J.W. Tape 40B (1972) 635
MacFarlane, M.H., see R.D. Lawson 22B (1966) 168
MacFarlane, M.H., A.P. Shukla, Shape mixing and the shell-model description of the isotopes of neon 35B (1971) 11
MacFarlane, M.H., see D.H. Gloeckner 40B (1972) 597
MacFarlane, R.D., see N.S. Oakey 26B (1968) 662
MacFarlane, R.D., N.S. Oakey, R.J. Nickles, Beta-neutrino correlations and longitudinal nuclear alignment in the decay of ^{20}Na 34B (1971) 133
MacFarlane, R.D., see D.W. Mueller 36B (1971) 74
MacFarlane, R.D., see D.F. Torgenson 40B (1972) 203
MacGregor, A.E., see A. Denning 26B (1967) 437
MacGregor, M.H., see R.A. Arndt 21B (1966) 314
Mach, R., see F. Janouch 29B (1969) 79
Mach, R., Elastic pion-nucleus scattering and the influence of the Fermi motion 40B (1972) 46
Machabeli, I.Z., see T.I. Kopaleishvili 22B (1966) 181
Machleidt, R., see K. Erkelenz 49B (1974) 209
Mack, G., see H.H. Kastrup 22B (1966) 331
Mack, G., A meson bremsstrahlungsmodel taking phase space into account 26B (1967) 515
Mack, G., Fixed poles and light cone singularities 35B (1971) 234
Mack, G., see W. Tornow 44B (1973) 53
MacKellar, A.D., see R.L. Becker 21B (1966) 201
MacKellar, A.D., R.L. Becker, Dependence of off-energy-shell Brueckner reaction matrix elements for finite nuclei on the shape of the repulsive core 31B (1970) 177
Mackintosh, R.S., see N.K. Glendenning 29B (1969) 626
Mackintosh, R.S., The nature of the gamma band in erbium and dysprosium 29B (1969) 629
Mackintosh, R.S., Inelastic scattering of very low energy pions from nuclei 34B (1971) 465
Mackintosh, R.S., Proton elastic scattering and coupling to pickup channels 44B (1973) 437
MacMahon, T.J., see K.R. Chapman 21B (1966) 465
MacNaughton, J.N., see M. Alston-Garnjost 39B (1972) 402
Macq, P.C., see M. Borhini 21B (1966) 114; 24B (1967) 77
Macq, P.C., see J.P. Deutsch 26B (1967) 315; 28B (1969) 178; 29B (1969) 66
Macq, P.C., see P. Igo-Kemenes 34B (1971) 286
Macq, P., see A. Possoz 50B (1974) 438
Macri, M., see M. Holder 35B (1971) 355, 361; 36B (1971) 400
Madansky, L., see J.C. Wells Jr. 27B (1968) 448
Madansky, L., see W.L. Lakin 31B (1970) 677
Maderni, G., see M. Holder 35B (1971) 355, 361; 36B (1971) 400
Maderni, G., see G. Barbiellini 39B (1972) 294, 663; 43B (1973) 529
Maderni, G., see A. Böhm 49B (1974) 491
Madsen, B.S., see B.L. Anderson 22B (1966) 651
Madsen, V.A., see G.M. Crawley 32B (1970) 92
Madsen, V.A., see J. Zimányi 33B (1970) 205
Maev, Ye.M., see A.A. Vorobyov 41B (1972) 639

Maggiore, C.J., C.R. Gruhn, T.Y.T. Kuo, B.M. Preedom, Proton scattering and the optical model differences between ^{40}Ca and ^{48}Ca 33B (1970) 571
Maggiore, C.J., see F. Petrovich 46B (1973) 141
Maglić, B., see G. Chikovani 25B (1967) 44
Maglić, B.C., see G. Chikovani 22B (1966) 233; 23B (1966) 157
Maglić, B.C., see B. Levrat 22B (1966) 714
Magnon, A., see J. Duclos 43B (1973) 245; 47B (1973) 491
Magnon, A., see H.G.E. Kobrak 43B (1973) 526
Magzumov, E.Zh., see V.G. Neudatchin 27B (1968) 490
Magzumov, E.Zh., V.G. Neudatchin, DWBA-calculation of the amplitudes of rectangle diagrams in direct nuclear reactions 31B (1970) 106
Magzumov, E.Zh., see M.A. Zhusupov 48B (1974) 84
Mahanthappa, K.T., see J.C. Bane 31B (1970) 371
Mahanthappa, K.T., L. Maiani, Non existence of ambiguities in SU(3) ⊗ SU(3) breaking 33B (1970) 499
Mahanthappa, K.T., Tsu Yao, Non-scaling contributions to the deep inelastic e-p scattering and bilocal algebra 39B (1972) 549
Mahaux, C., H.A. Weidenmüller, Compound nuclear reactions as a test of $\dot{T}$-invariance 23B (1966) 100
Mahaux, C., see Y. Baudinet-Robinet 42B (1972) 392
Mahaux, C., see E. Boridy 45B (1973) 81
Mahlab, M., see G.W. Hoffmann 50B (1974) 249
Mahnke, H.-E., see F. Bacon 37B (1971) 181
Mahoney, J., see B.G. Harvey 24B (1967) 43
Mahoney, J., see D.L. Hendrie 26B (1967) 127
Maiani, L., see R. Gatto 21B (1966) 459; 26B (1967) 95
Maiani, L., see N. Cabibbo 25B (1967) 31, 132; 28B (1969) 131
Maiani, L., *CP*-violating weak currents 26B (1967) 538
Maiani, L., see K.T. Mahanthappa 33B (1970) 499
Maiani, L., see G. Altarelli 35B (1971) 415; 40B (1972) 415; 41B (1972) 480; 48B (1974) 435
Maier, K.H., see M. Hagen 26B (1967) 432
Maier, K.H., see H. Fuchs 31B (1970) 14
Maier, K.H., J.R. Leigh, F. Pühlhofer, R.M. Diamond, A high-spin isomer in ^{211}At 35B (1971) 401
Maier, K.H., see K. Nakai 44B (1973) 443
Maier-Bötzel, F. Bopp, Spinor field ground state and global excitations 32B (1970) 616
Main, I.G., N. Dawson, D. Kewley, N. Lawley, M.F. Thomas, P.J. Twin A metastable state at 1.64 MeV in ^{40}K 26B (1967) 295
Mairle, G., see B. Duelli 23B (1966) 485
Mairle, G., see G.Th. Kaschl 29B (1969) 167
Mairle, G., G.J. Wagner, 1p Hole-states in ^{16}O and ^{16}N and the mass dependence of the 1p spin-orbit splitting 50B (1974) 252
Majerotto, W., see D. Flamm 26B (1967) 24
Majling, L., see B.S. Ishkhanov 22B (1966) 301
Majling, L., V.I. Kukulin, Yu.F. Smirnov, The dipole photoabsorption in ^{9}Be 27B (1968) 487
Majling, L., see Yu.I. Bely 39B (1972) 335
Major, J.V., see K. Böckmann 28B (1969) 72
Major, P., see K.F. Albrecht 48B (1974) 393
Majumdar, D.P., Nature of the scale-invariance breaking term in inelastic e-p scattering from DGS representation 40B (1972) 272

Majumdar, D.P., J. Stern, Y. Tomozawa, Electromagnetic mass differences 42B (1972) 103
Mak, H.B., see A.B. McDonald 31B (1970) 119
Makariyna, L.A., see I.I. Gurevich 38B (1972) 549
Makariyna, L.A., see I.I. Gurevich 29B (1969) 387
Makarov, G.M., see V.I. Belousov 43B (1973) 76
Makarov, M.M., N.S. Gasilova, V.V. Nelubin, V.V. Sarantse, L.N. Tkach, Low energy S-wave $\pi\pi$-phase shifts from analysis of inelastic reactions 31B (1970) 666
Makarovitsch, I., see L. Moscoso 32B (1970) 513
Makarovitsch, I., see G.R. Charlton 32B (1970) 720
Makeev, V., see O. Balea 39B (1972) 571
Maki, A., see Y. Hemmi 32B (1970) 137; 43B (1973) 79
Makofske, W., M. Slagowitz, W. Savin, H. Ogata, T.H. Kruse, T. Tamura, Scattering of 16-MeV protons from even tin isotopes 25B (1967) 322
Makowski, B., see R. Vanderhagen 24B (1967) 493
Makowski, B., see P. Fleury 26B (1968) 682
Makowski, B., see J. Duboc 34B (1971) 342
Malamud, E., see C.-Yu. Chien 28B (1969) 615
Malamud, E., see J. Lach 44B (1973) 474
Malamud, E., see F.T. Dao 45B (1973) 73, 399, 402
Malamud, E., see T. Ludham 48B (1974) 449
Malamud, E.I., see P.M. Dauber 24B (1967) 525
Malamud, E.I., see C.-Ya. Chien 28B (1969) 143; 29B (1969) 433
Malamud, E.I., see T.G. Trippe 28B (1969) 203; 29B (1969) 390
Malcolm, C.K., D.V. Webb, Y.M. Shin, D.M. Skopik, Evidence of a 2^+ state from the $^4He(\gamma,n)^3He$ reaction 47B (1973) 433
Małecki, A., P. Picchi, The influence of short-range correlations of nucleon emission in electron scattering by nuclei 36B (1971) 61
Małecki, A., P. Picchi, Longitudinal sum rule for inelastic electron scattering and nucleon-nucleon correlations 43B (1973) 351
Małecki, A., see E. Błeszyńska 43B (1973) 355
Malecki, P., see S. Brandt 22B (1966) 109
Malecki, P., see J. Bartke 24B (1967) 118, 163
Malecki, P., see M. Aguilar-Benitez 29B (1969) 62, 241, 379
Malfliet, R.A., J.A. Tjon, The three nucleon bound state wave function and the Coulomb energy of ^3He 29B (1969) 391
Malfliet, R.A., J.A. Tjon, Three nucleon calculations with local tensor forces 30B (1969) 293
Malfliet, R.A., J.A. Tjon, Trinucleon bound state properties and form factors with the B.K.R. potential 35B (1971) 487
Malfliet, R.A., S. Landowne, V. Rostokin, Interference effects in elastic and inelastic heavy ion scattering 44B (1973) 238
Malhotra, P., see M.M. Block 26B (1967) 464
Malhotra, P.K., see B. Chaudhary 39B (1972) 245
Malhotra, P.K., see S.N. Ganguli 39B (1972) 632; 42B (1972) 83, 88
Malhotra, P.K., see A. Gurtu 50B (1974) 391
Malik, F.B., see I. Reichstein 37B (1971) 344
Malik, F.B., see M.A. Hooshyar 38B (1972) 495
Malik, F.B., see D.R. Alexander 42B (1972) 412
Malkov, E.I., The absorptive part of an amplitude as a scalar product 29B (1969) 491

Malkov, E.I., Constraints on the partial amplitudes of an annihilation channel 34B (1971) 618
Malkov, E.I., Positivity and $\pi\pi$ threshold scattering 35B (1971) 433
Mallet, J., see J. Louie 48B (1974) 385
Malmsten, G., see A. Johansson 26B (1967) 83
Malos, J., see A.T. Lea 29B (1969) 584
Malos, J., see B.J. Charles 40B (1972) 289
Malov, L.A., V.G. Soloviev, P. Vogel, On the energies of the octupole states of even-even nuclei in the energy region $228 \leqslant A \leqslant 254$ 22B (1966) 441
Malsburg, Ch.V.D., see U. Lynen 24B (1967) 237
Malsburg, Ch.V.D., see H. Koch 29B (1969) 140
Malý, J., see T. Sikkeland 24B (1967) 333
Malý, J., Evidence for long-range fission fragments induced by irradiation with electrons 35B (1971) 148
Mamidzhanian, E., see R. Craig 26B (1967) 468
Manahov, L., V. Krainov, The calculation of the g-factor for 3^- state in ^{208}Pb 29B (1969) 343
Manakos, P., see G. Kluge 29B (1969) 277
Manakos, P., see M. Conze 43B (1973) 101
Manassah, J.T., S. Matsuda, Scaling, fixed poles and duality of electro-magnetic currents in the dynamical resonance model 36B (1971) 229
Manassah, J.T., see R. Dashen 50B (1974) 460
Manca, J., see M.N. Khachaturyan 24B (1967) 349
Mandelkern, M., see T.H. Tan 28B (1969) 195
Mandelkow, E., see H. Meyer 33B (1970) 189
Mandelli, L., see F. Conte 22B (1966) 702
Mandelli, L., see H.W. Atherton 42B (1972) 522; 43B (1973) 249
Mandelstam, S., Manifestly dual formulation of the Ramond-model 46B (1973) 447
Mandrek, K., see W. Fischer 40B (1972) 87
Mandrioli, G., see I.M. Blair 32B (1970) 528
Mandula, J., A. Schwimmer, J. Weyers, G. Zweig, Measuring chiral symmetry breaking in neutrino scattering 37B (1971) 109
Manesis, E.K., Integral equations for hadronic correlation functions 43B (1973) 137
Manesse, D., see P.V. Chliapnikov 39B (1972) 279
Manesse, D., see J.N. Carney 42B (1972) 124
Manfrasz, P., see W. Andrejtscheff 40B (1972) 92
Manfredi, V.R., see A. Covello 34B (1971) 584
Manfredotti, C., see I. Budagov 29B (1969) 524; 30B (1969) 364
Mang, H.J., J. Meyer, J. Speth, W. Wild, Is there a linear polarisation effect contributing to the isomeric shift in rotational nuclei? 32B (1970) 321
Mang, H.J., see H.R. Dalafi 44B (1973) 327
Mangelson, N., M. Reed, C.C. Lu, F. Ajzenberg-Selove, The masses and excited states of ^{24}Al and ^{28}P 21B (1966) 661
Mangelson, N., M. Reed, C.C. Lu, F. Ajzenberg-Selove, Erratum 23B (1966) 140
Mangelson, N.F., see J.G. Cramer 27B (1968) 507
Mango, S., see H. Bienlein 46B (1973) 131
Mangotra, L.K., see A. Gurtu 50B (1974) 391
Mani, G.S., see J.M. Irvine 44B (1973) 16
Mani, G.S., see D.H. Feng 47B (1973) 477
Manjavidze, Z.Sh., V.N. Roinishvili, Discharge-cloud method for detection of charged particle tracks 24B (1967) 492

Manjavidze, Z.Sh., A.K. Javrishvili, V.N. Roinishvili, Hydrogen discharge-cloud chamber 27B (1968) 539
Manko, V.I., see A.I. Baz 28B (1969) 541
Manko. V.I., see V.I. Chuev 31B (1970) 624; 42B (1972) 63
Manko, V.I., see F.D. Becchetti 43B (1973) 279
Mankoč-Borštnik, N., see Y. Abgrall 43B (1973) 165
Mann, A., I. Unna, The Hartree–Fock problem with subsidiary conditions and the random phase approximation 27B (1968) 72
Mann, A., H. Nissimov, I. Unna, On the validity of the random phase approximation for a solvable nuclear model 30B (1969) 133
Mann, A., R. Weiner, Derivation of the critical temperature for the superfluid phase of hadronic matter 40B (1972) 383
Mann, A., see B. Atalay 46B (1973) 145
Mann, A.K., see R. Cester 21B (1966) 343
Mann, A.K., see V.K. Cung 41B (1972) 355
Mann, D., see N.D. Gabitzsch 47B (1973) 234
Mannami, M., see M. Maruyama 29B (1969) 414
Mannelli, I., see P. Bonamy 23B (1966) 501
Mannelli, I., see A. Scribano 32B (1970) 224
Mannelli, I., see W.D. Apel 40B (1972) 680; 41B (1972) 234, 542; 46B (1973) 459
Männer, W., see G. Grayer 34B (1971) 333; 35B (1971) 610; 39B (1972) 563
Manning, G., see B. Alper 44B (1973) 527; 46B (1973) 265
Manning, M.R., A.B. Volkov, Density dependent forces and the nature of the ^{28}Si ground state 26B (1967) 60
Manning, R.J., see P.M. Dauber 29B (1969) 609
Manno, I., see Berlin ... collaboration 48B (1974) 257
Mansfield, J.E., see B.J. Deery 31B (1970) 82
Mansouri, F., Y. Nambu, Gauge conditions in dual resonance models 39B (1972) 375
Mansouri, F., see C.E. Carlson 49B (1974) 377
Manthuruthil, J.C., see S. Maripuu 41B (1972) 148
Manuel, P., see T.H.J. Bellm 33B (1970) 438
Manukian, J.V., see L.P. Abrahamian 44B (1973) 301
Manukian, J.V., see L.O. Abrahamian 38B (1972) 544; 48B (1974) 463
Manweiler, R., W. Schmidt, The isovector asymmetry in ρ-production, pion photo- and electroproduction 33B (1970) 366
Manyukov, B., see O. Balea 39B (1972) 571
Manyukov, B.A., see V.V. Ammosov 42B (1972) 519
Manz, J., W. Stocker, On a tensor force addition to the modified surface-delta interaction 30B (1969) 631
Maor, U., see E. Leader 43B (1973) 505
Maor, U., S. Nussinov, Increasing p-p and p-nucleus cross sections 46B (1973) 99
Maples, C., J. Cerny, High-spin assignments in the 1p-shell obtained with the J-dependent (p,α) reaction 38B (1972) 504
Mapp, J., see D. Cline 27B (1968) 110; 35B (1971) 606
Maqueda, E., Parity impurities in ^{19}F 23B (1966) 569
Maquet, A., see S. Klarsfeld 43B (1973) 201
Marangoni, M., A.M. Saruis, Particle-hole excitations in ^{12}C and ^{40}Ca photoreactions 24B (1967) 218
Marangoni, M., P.L. Ottaviani, A.M. Saruis, Isospon splitting of the ^{13}C giant dipole resonance in the continuum shell-model 49B (1974) 253
Marasco, J., see M. Bourquin 36B (1971) 615

Marasco, J., see P. Basile 36B (1971) 619
Marateck, S.L., S.P. Rosen, Form factor resolution in K_{l3} decay 29B (1969) 497
Marcazzan, M.G., see U. Facchini 26B (1967) 278
Marcazzan-Braga, G.M., see L. Colli-Milazzo 38B (1972) 155
March, P.V., see W. Gajewski 21B (1966) 673; 23B (1966) 152
March, R., see D. Cline 25B (1967) 446
Marchant, H., see S. Hinds 24B (1967) 34, 89
Marchesini, G., see J.S. Ball 31B (1970) 583
Marchesini, G., see B. Carazza 35B (1971) 436
Marchesini, G., see F. Duimio 37B (1971) 427
Marchesini, G., see P. Butera 41B (1972) 521
Marcu, M., see B. Bogdan 41B (1972) 221
Marcu, M., see Barcelona ... collaboration 48B (1974) 467
Maréchal, B., see A. Astier 25B (1967) 294
Marel, G., see M. Banner 25B (1967) 569
Marelius, A., see A. Johansson 26B (1967) 83
Margaziotis, D.J., see G. Paić 32B (1970) 437
Margazoitis, D.J., J.C. Young, I. Šlaus, G. Anzelon, F.P. Brady, R.T. Cahill, The D(p,2p)n reaction at 14.45 MeV and the Amado model 37B (1971) 263
Margolis, B., Coherent and incoherent production in nuclei and unstable particle cross-sections 26B (1967) 524
Margolis, B., see G. Von Bochmann 30B (1969) 254; 33B (1970) 222
Margolis, B., see K.S. Kölbig 31B (1970) 20
Margolis, B., see P.R. Auvil 32B (1970) 709
Margulies, S., see T.F. Hoang 25B (1967) 615
Margulies, S., see R.M. Brown 42B (1972) 117
Marin, A., see B. Bogdan 41B (1972) 221
Marin, A., see Barcelona ... collaboration 48B (1974) 467
Marini, G., see B. Bartoli 36B (1971) 593, 598
Marinov, M.S., see S.A. Gurvits 32B (1970) 55
Marion, J.B., New list of recommended accelerator calibration energies 21B (1966) 61
Marion, J.B., C.A. Ludemann, P.G. Roos, Excitation of single-particle states in ^{8}Be by the ^{9}Be(p,d)^{8}Be reaction 22B (1966) 172
Marion, J.B., see M.L. Roush 23B (1966) 355
Maripuu, S., The effect of core polarization on analogue to anti-analogue M1 transition probabilities 31B (1970) 181
Maripuu, S., B.H. Wildenthal, Calculation of $T = 2 \rightarrow T = 1 \rightarrow T = 0$ M1 decays in $A = 20$ and $A = 32$ nuclei 38B (1972) 464
Maripuu, S., J.C. Manthuruthil, C.P. Poirier, Core excitation of the $g_{9/2}$ analogue and anti-analogue states in ^{59}Cu 41B (1972) 148
Maripuu, S., B.H. Wildenthal, A.O. Evwaraye, An anomalous Ml transition in ^{38}Cl 43B (1973) 368
Maris, Th.A.J., see G. Jacob 45B (1973) 181
Mariscotti, M.A.J., see J.A. Moragues 27B (1968) 441
Markarian, R.Kh., see L.O. Abrahamian 48B (1974) 463
Marker, D., see P. Signell 26B (1967) 559; 28B (1969) 79
Marker, D., see M.D. Miller 30B (1969) 157
Markham, R.G., see R.A. Lindgren 48B (1974) 209
Markisov, V.N., see M. Ya. Balatz 26B (1967) 320

Markov, B.N., see Yu.P.Gangsky 32B (1970) 182
Markov, P., see Alma ... collaboration 48B (1974) 277
Markov, P.K., see G.G. Beznogikh 30B (1969) 274
Markov, P.K., see Kh.M. Chernev 36B (1971) 266
Markov, V.I., see M.A. Zhusupov 48B (1974) 84
Markytan, M., see M. Aderholz 24B (1967) 434
Markytan, M., see J. Bartsch 25B (1967) 48; 27B (1968) 336; 28B (1969) 439; 33B (1970) 186
Markytan, M., see J.V. Beaupré 34B (1971) 160
Markytan, M., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Markytan, M., see Aachen ... collaboration 49B (1974) 388
Marmier, P., see W. Wölfli 22B (1966) 75
Marmier, P., see W. Grüebler 24B (1967) 280; 335; 36B (1971) 337
Marmier, P., see M. Brüllmann 25B (1967) 269
Marmier, P., see G. Thiévant 30B (1969) 23
Marmier, P., see L. Jarczyk 39B (1972) 191
Maroni, C., see A. Bertin 38B (1972) 260
Marquardt, N., see W. Von Oertzen 34B (1971) 51
Marquardt, N., W. Von Oertzen, R.L. Walter, Evidence for a direct eight-nucleon transfer reaction and multiparticle excitation of ^{20}Ne 35B (1971) 37
Marquardt, N., see H.G. Bohlen 41B (1972) 425
Marquardt, N., J.M. Poutissou, A. Richter, J.W. Tepel, Fine and intermediate structure in the ^{92}Zr(p,α)^{89}Y cross section near an isobaric analogue resonance 48B (1974) 9
Marquit, E., see D. Huwe 24B (1967) 252
Marquit, E., see R.C. Chase 30B (1969) 659
Marraffino, J., see D. Scipione 42B (1972) 489
Marrus, R., see T.H. Duong 27B (1968) 565
Marshak, R.E., V.S. Mathur, L.K. Pandit, On the K^+–K^o mass difference 21B (1966) 563
Marshalek, E.R., Backward bending in spherical nuclei 38B (1972) 367
Marshalek, E.R., A new boson expansion for odd-particle systems 44B (1973) 5
Marshall, L., see J.B. Kopelman 22B (1966) 118
Marshall, L., see D.D. Allen 21B (1966) 468; 22B (1966) 543
Marshall. L., see M. Dickenson 23B (1966) 505
Marshall, M., J. Scobie, The emission of alpha particles and tritons in the thermal neutron fission of ^{235}U 23B (1966) 583
Marshall Libby, L., see M. Dickinson 24B (1967) 596
Marshall Libby, L., see V. Domingo 24B (1967) 642; 25B (1967) 486
Marshall Libby, L., see J. Von Krogh 27B (1968) 253
Marshall Libby, L., see R.E. Juhala 27B (1968) 257
Marshall Libby, L., N.S. King, E. Rost, Evidence of the hard core in multi-GeV $K^{\pm}p$ elastic scattering 28B (1969) 465
Marshall Libby, L., Repulsive core and interaction energy in proton-proton scattering 29B (1969) 345
Marshall Libby, L., Slope changes for $\ln(d\sigma/dt)$ and computation of baryon compressibility 29B (1969) 348
Marshall Libby, L., see R. Sears 29B (1969) 700
Martelli, G., see K.R. Chapman 21B (1966) 465
Martemianov, V.P., see I.I. Gurevich 31B (1970) 394; 38B (1972) 549
Martens, E.J., A.M. Bernstein, Fractionization of the octupole strength in ^{90}Zr 24B (1967) 669

Martin, A., see L. Łukaszuk 21B (1966) 96
Martin, A., Inelasticity and uniqueness of the scattering matrix 24B (1967) 585
Martin, A., Smoothing Veneziano 29B (1969) 431
Martin, A., see J.J. Loeffel 30B (1969) 656
Martin, A., see G.V. Dass 36B (1971) 339; 38B (1972) 188
Martin, A., see H. Cornille 39B (1972) 223; 40B (1972) 671
Martin, A., see P.D.B. Collins 47B (1973) 171
Martin, A.D., F. Poole, Calculation of the $\Lambda\bar{K}N$ coupling constant using a new KN forward dispersion relation 25B (1967) 343
Martin, A.D., G.G. Ross, A prediction for the ΛKN and ΣKN coupling constants from an energy dependent finite energy sum rule 26B (1967) 527
Martin, A.D., N.M. Queen, G. Violini, Do the low-energy K^-p parameters lead to a consistent prediction for the ΛKN coupling constant? 29B (1969) 311
Martin, A.D., see F. Halzen 32B (1970) 111; 33B (1970) 540
Martin, A.D., C. Michael, The ΛKN coupling and backward scattering 32B (1970) 297
Martin, A.D., B.R. Martin, G.G. Ross, Models of $Y_0^*(1405)$ and low-energy $\bar{K}N$ interactions 35B (1971) 62
Martin, A.D., G. Michael, η and η' production at high energies 37B (1971) 513
Martin, A.D., see M. Abramovich 39B (1972) 353
Martin, A.D., see V. Barger 39B (1972) 379
Martin, A.D., see P. Estabrooks 41B (1972) 350; 42B (1972) 229
Martin, A.W., 'Impossibility' of positive double spectral functions 28B (1969) 679
Martin, B., see O. Dragoun 29B (1969) 221
Martin, B., R. Schulé, Chemical effects on internal conversion in ^{125}Te 46B (1973) 367
Martin, B.R., see A.T. Lea 23B (1966) 380
Martin, B.R., see P.C. Barber 32B (1970) 214
Martin, B.R., see A.D. Martin 25B (1971) 62
Martin, D.J., see J.R. Leslie 36B (1971) 76
Martin, F., see T.H. Tan 28B (1969) 195
Martin, F., see W.T. Toner 36B (1971) 251
Martin Jr., H.J., R.R. Crittenden, L.S. Schroeder, The isotopic spin of the η^* (960 MeV) meson 22B (1966) 352
Martin Jr., H.J., see K.F. Galloway 27B (1968) 250
Martin, J., see W.M. Currie 28B (1969) 480
Martin, J.C., see G.C. Salzman 45B (1973) 123
Martin, J.C., see J.J. Jarmer 48B (1974) 215
Martin, J.T., see R.K. Walter 30B (1969) 626
Martin, M., see G. Chikovani 22B (1966) 233; 23B (1966) 157; 25B (1967) 44; 28B (1969) 526
Martin, M., see B. Levrat 22B (1966) 714
Martin, M., see H. Benz 28B (1969) 233
Martin, M., see R. Baud 30B (1969) 129; 31B (1970) 397, 401, 549
Martin, M., see Yu.M. Antipov 40B (1972) 147
Martin, M.J., see S. Raman 44B (1973) 255
Martin, P., see J.E. Augustin 28B (1969) 503, 508, 513, 517
Martin, P., see Y. Dupont 31B (1970) 68
Martin, P., see D.A. Jenkins 32B (1970) 267
Martin, P., see G.H. Miller 41B (1972) 50
Martin, P., see Y. Terrien 45B (1973) 235

Martin, Ph., see T.R. Ophel 32B (1970) 101
Martin, P.W., see J.C.P. Heggie 43B (1973) 289
Martin, R.C., P.F. Yergin, E.J. Winhold, H.A. Medicus, R.H. Augustson. N.N. Kaushal, R.R. Fullwood, Fine structure in the neutron total cross section of bismuth 24B (1967) 33
Martorell, K., see X. Campi 41B (1972) 443
Martorell, J., X. Campi, Self consistent description of the nuclear monopole polarization in muonic ^{208}Pb 46B (1973) 296
Marty, C., see A. Cortes 38B (1972) 211
Martyn, H.-U., see H. Braun 47B (1973) 182, 185
Maruhn, J., see U. Mosel 34B (1971) 587
Maruhn, J., W. Greiner, On the zero-point energy problem in collective potentials with Strutinsky renormalization 44B (1973) 9
Maruhn, J., see P. Lichtner 45B (1973) 175
Marumori, T., Y. Shono, M. Yamamura, A. Tokunaga, Y. Miyanishi, A possible description of "rotationlike excitations" in Te, Xe and Ba isotopes 25B (1967) 249
Maruyama, M., K. Tsukada, K. Ozawa, F. Fujimoto, K. Kamaki, M. Mannami, T. Sakurai, Direct measurement of nuclear reaction times by the use of the blocking effect in single crystals 29B (1969) 414
Maruyama, X.K., see R.W. Berard 47B (1973) 355
Marx, J., D. Nygren, J. Peoples, T. Kirk, J. Steinberger, Charge asymmetry in K_{e3} decay and Re 32B (1970) 219
Marx, J., see A. Scribano 32B (1970) 224
Marzari-Chiesa, A., see V. Bisi 25B (1967) 572
Marzari-Chiesa, A., see D. Haidt 29B (1969) 691, 696
Marzari-Chiesa, A., see H.J. Steiner 36B (1971) 521
Masaike, A., see S. Arai 40B (1972) 426
Maschuw, R., see B. Zeitnitz 28B (1969) 420
Masek, G.E., see T. Maung 33B (1970) 521
Masek, G.E., see V.A. Ashford 38B (1972) 47
Maslennikova, N.B., see E.V. Anzon 31B (1970) 237, 241
Maslennikova, N.B., see M.G. Antonova 39B (1972) 282, 285
Mason, D.C., see W.G. Jones 23B (1966) 597
Mason, D.C., see D.M. Binnie 27B (1968) 106
Mason, P., see J.A. Danysz 24B (1967) 309
Mason, P., see J.R. Fry 43B (1973) 146
Mason, P., see P.S. Gregory 43B (1973) 228
Mason, P., see D. Everett 47B (1973) 541
Mason, W.M., see U. Von Wimmersperg 33B (1970) 291
Massam, T., see V. Alles-Borelli 36B (1971) 149; 40B (1972) 433
Massam, T., see M. Basile 38B (1972) 117
Massam, T., see P. Dalpiaz 42B (1972) 377
Massam, T., see S.A. Gabriele 42B (1972) 504
Massam, T., see M. Bernardini 44B (1973) 393; 45B (1973) 169, 510; 46B (1973) 261
Massey, R., see W. John 24B (1967) 336
Massonnet, L., see J. Favier 25B (1967) 409
Massonnet, L., see G. Neuhofer 39B (1972) 271; 41B (1972) 642
Massonnet, L., see M. Metcalf 40B (1972) 703
Massonnet, L., see F. Niebergall 49B (1974) 103

Massué, J.P., see Barcelona ... collaboration 48B (1974) 467
Masterson, T.G., see W. Bohne 47B (1973) 342
Masterson, T.G., see H. Fuchs 49B (1974) 447
Mateev, M., see A. Della Selva 24B (1967) 468
Mathew, P.J. G.J. McCallum, R.M. Freeman, New isotope ^{82}As 28B (1969) 106
Mathur, V.S., see E. Ferrari 21B (1966) 560
Mathur, V.S., see R.E. Marshak 21B (1966) 563
Mathur, V.S., P. Olesen, M.A. Rashid, The Veneziano amplitude, current algebra and the electromagnetic pion form factor 29B (1969) 514
Mathur, V.S., J. Subba Rao, Octet dominance and the d/f ratio in non-leptonic hyperon decays 31B (1970) 383
Mathur, V.S., T.C. Yang, Soft pion solution of K_{l3} parameters 35B (1971) 599
Mathur, V.S., *CPT* constraints on $K_{S,L} \to \mu\bar{\mu}$ decays 42B (1972) 108
Mathur, V.S., see D.A. Dicus 49B (1974) 63
Matinyan, S.G., see V.A. Abramovski 36B (1971) 565
Matoba, K., see K. Yagi 44B (1973) 447
Matoba, M., M. Hyakutake, S. Nakamura, T. Katayama, T. Tonai, K. Yagi, K. Sato, Y. Aoki, Splittings of the octupole strength in Te isotopes 44B (1973) 159
Matoba, M., M. Hyakutake, J. Niidome, K. Yagi, Y. Aoki, K. Sato, Strong $L = 5$ transition in Te(p,p′) reactions 45B (1973) 463
Matone, G., see A. Alberigi Quaranta 25B (1967) 429
Matone, G., see D.R. Botterill 46B (1973) 125
Matos, J., see V. Barger 29B (1969) 121
Matsuda, S., C.B. Chiu 31B (1970) 455
Matsuda, S., see J.T. Manassah 36B (1971) 229
Matsuda, S., see S. Oneda 37B (1971) 105
Matsuda, S., T. Saito, Magnetic moments of the dual pion model 43B (1973) 123
Matsuda, S., Sum rules for the structure parameters of the nucleon 43B (1973) 292
Matsuda, T., see S. Arai 40B (1972) 426
Matsumoto, H., N.J. Papastamatiou, H. Umezawa, The formulation of spontaneous breakdown in the path integral method 46B (1973) 73
Matsumoto, S., see J. Bartsch 33B (1970) 186
Matsumoto, S., see K. Boesebeck 34B (1971) 659
Matsumoto, Y., T. Muta, N. Nakajima, A. Niegawa, Y. Okumura, T. Uematsu, Regge pole analysis of inelastic e-p scattering data 39B (1972) 258
Matsuura, T., K. Yazaki, A comment on the electric dipole sum rule for nuclear photoeffect 46B (1973) 17
Matt, W., see G. Bassompierre 26B (1967) 30
Matt, W., see M. Jobes 26B (1967) 49
Matthäus, E., J. Ranft, Calculation of inclusive spectra $K^+p \to K^o$ + anything and $K^-p \to \bar{K}^o$ + anything according to the thermodynamical model 40B (1972) 230
Matthäy, H., see H. Brückmann 30B (1969) 460
Matthews, J.A.J., see G.W. Brandenburg 44B (1973) 305
Matthews, J.L., see F.T. Baker 40B (1972) 355
Matthews, J.L., see S.N. Gardiner 46B (1973) 186
Matthews, J.L., see G. Ticcioni 46B (1973) 369
Matthews, R., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Matthiae, G., see J.V. Allaby 23B (1966) 389; 34B (1971) 431
Matthiae, G., see J.V. Allaby 25B (1967) 156

Matthias, E., see N. Bräuer 34B (1971) 54; 37B (1971) 186
Matthiae, G., see U. Amaldi 34B (1971) 435; 36B (1971) 504; 43B (1973) 231; 44B (1973) 112
Mattioli, F., see D. Haidt 29B (1969) 696
Mattioli, F., see H.J. Steiner 36B (1971) 521
Mattioli, M., see W. Schweinberger 36B (1971) 246
Mattiolo, F., see T. Eichten 27B (1968) 586
Matuda, K., see K. Sugimoto 25B (1967) 130; 31B (1970) 520
Matulenko, Yu.A., see T. Dobrowolski 24B (1967) 203
Matulenko, Yu.A., see A.A. Derevshchikov 47B (1973) 473
Matulenko, Yu.A., see A.A. Derevshchikov 48B (1974) 367
Matulenko, Yu.A., see C. Bruneton 44B (1973) 471
Matuszek, J., see C. Signarbieux 39B (1972) 503
Matveev, V.A., B.V. Struminsky, A.N. Tavhelidze, Dispersion sum rules and SU(3) symmetry 23B (1966) 146
Matveev, V.A., see V.R. Garsevanishvili 29B (1969) 191
Matveev, V.A., D.T. Stoyanov, A.N. Tavkhelidze, Perturbation theory, finite-energy sum rules and a generalized Veneziano representation 32B (1970) 61
Matveev, V.A., see B.M. Barbashov 33B (1970) 419, 484
Matveev, V.A., see V.V. Barmin 46B (1973) 465; 47B (1973) 463
Matyushin, A.T., see M.N. Khachaturyan 24B (1967) 349
Matyushin, A.T., see R.G. Astvacaturov 27B (1968) 45
Matyushin, V.T., see R.G. Astvacaturov 27B (1968) 45
Matziolis, M., see K. Boesebeck 34B (1971) 659
Matziolis, M., see J.V. Beaupré 37B (1971) 432
Maung, T., G.E. Masek, E. Miller, H. Ruderman, W. Vernon, K.M. Crowe, N.T. Dairiki, S-wave pion-pion scattering length from reaction $\pi^- + p \to \pi^0 + \pi^0 + n$ at 378 MeV 33B (1970) 521
Maung, T., see V.A. Ashford 38B (1972) 47
Maurenzig, P.R., see P. Blasi 28B (1969) 555
Maurenzig, P.R., see P.G. Bizzeti 30B (1969) 94
Maurer, G., see A. Fridman 21B (1966) 462; 23B (1966) 386
Maurier, R.H., see T.K. Gaisser 42B (1972) 444
Mauron, G., see J. Kern 24B (1967) 400
Mavromatis, H.A., see J.P. Elliott 24B (1967) 358
Mavromatis, H.A., B. Singh, An approximate connection between the oscillator basis "Sussex matrix elements" and the corresponding on- and off-the-energy shell plane wave matrix elements 29B (1969) 282
Mavromatis, H.A., Interaction between 0p–0h and 1p–1h states in 0^+ calculations with non Hartree–Fock bases 32B (1970) 256
Mavromatis, H.A., see N. Kassis 37B (1971) 15
Mavromatis, H.A., B. Singh, Some remarks on energy bounds and on the convergence of perturbation expansions 41B (1972) 251
Maximenko, V.A., see V.V. Barmin 33B (1970) 377
Maximon, L.C., C. Tzara, Influence of the radiative background on muon and electron scattering from nuclei 26B (1967) 201
Maximon, L.C., see D. Drechsel 26B (1967) 477
Maximon, L.C., see W. Czyz 27B (1968) 354
Maximon, L.C., J.S. O'Connell, Sum rules for forward elastic photon scattering 48B (1974) 399
Maxson, D.R., see R.K. Jolly 25B (1967) 265
Maxwell, J.R., G.M. Reynolds, N.M. Hintz, Three $L=0$ transitions in the ^{57}Fe(p,t) ^{55}Fe reaction 22B (1966) 454

May, F.-R., see W. Andrejtscheff 44B (1973) 351
May, J., see W. Albrecht 28B (1969) 225
May, R.M., A note on neutron tunneling reactions 26B (1967) 482
Mayer, B., see J. Arvieux 22B (1966) 610
Mayer-Böricke, C., see R.M. Lieder 39B (1972) 196; 49B (1974) 161
Mayer-Böricke, C., see H. Beuscher 40B (1972) 449
Mayer-Böricke, C., see O. Aspelund 50B (1974) 441
Mayes, B., see N.D. Gabitzsch 47B (1973) 234
Mayes, B.W., see M. Furić 47B (1973) 241
Mayeur, C., see W. Gajewski 23B (1966) 152
Mayeur, C., P. Van Binst, G. Wilquet, V.B. Fliagine, J.G. Guy, W.L. Knight, S.N. Tovey, R.M. Dowd, M. Govan, A.J. Sanders, J. Schneps, G. Wolsky, A search for the radiative decay $Y_0^*(1327) \to \Lambda\gamma$ 33B (1970) 441
Mayeur, C., see P. Beillière 39B (1972) 671
Mazaki, H., S. Shimizu, The transition energy of $^{235}U^m$ 23B (1966) 137
Mazaki, H., S. Shimizu, Erratum 23B (1966) 491
Mazarsky, V.L., see V.K. Birulev 38B (1972) 452
Mazarsky, V.L., see Berlin ... collaboration 48B (1974) 257
Mazur, P., see M.M. Block 26B (1967) 464
McCallum, G.J., see P.J. Mathew 28B (1969) 106
McCallum, J., B.D. Sowerby, Properties of some ^{25}Mg energy levels 25B (1967) 109
McCarthy, I.E., see K.H. Bray 35B (1971) 41
McCarthy, I.E., see P.C. Tandy 41B (1972) 241
McCarthy, J.S., see R.F. Frosch 24B (1967) 54
McCarthy, J.S., see B.B.P. Sinha 35B (1971) 217
McCarthy, R.L., J.H. Brewer, R.J. Budnitz, A.C. Entis, R.M. Graven, D.H. Miller, W.N. Ross, *CP*-violating charge asymmetry in the decay $K_L^0 \to \pi\mu\nu$ 42B (1972) 291
McCartney, B., see B.J. Charles 40B (1972) 289
McClatchie, E.A., see A.R. Johnston 21B (1966) 309
McClatchie, E.A., see F.G. Kingston 22B (1966) 458
McClarchie, E.A., see C. Glashausser 31B (1970) 289; 34B (1971) 199
McClatchie, E.A., see R.L. McGrath 34B (1971) 288
McCorriston, T.P., see L.W. Jones 36B (1971) 509
McCrory, J.B., see J.B. Ball 41B (1972) 581
McCulloch, R.D., see H.O. Cohn 21B (1966) 347; 26B (1967) 598; 27B (1968) 527
McCulloch, R.D., see A.M. Cnops 29B (1969) 45
McCulloch, R.D., see W.M. Bugg 31B (1970) 595
McDonald, A., S.P. Rosen, T.K. Kuo, *W*-parity, octet dominance and the breaking of chiral symmetry 40B (1972) 675
McDonald, A., S.P. Rosen, T.K. Kuo, *W*-parity, octet dominance and the breaking of chiral symmetry 41B (1972) 78
McDonald, A., S.P. Rosen, T.K. Kuo, Erratum 41B (1972) 652
McDonald, A., see R. Budny 48B (1974) 423
McDonald, A.B., see E. Adelberger 24B (1967) 270
McDonald, A.B., see E.G. Adelberger 25B (1967) 595
McDonald, A.B., E.G. Adelberger, $T = \frac{3}{2}$ levels in ^{21}Na 26B (1967) 380
McDonald, A.B., E.G. Adelberger, H.B. Mak, D. Ashery, A.P. Shukla, C.L. Cocke, C.N. Davids, Isospin-non-conserving particle decays of the lowest $T = \frac{3}{2}$ levels in ^{17}F and ^{17}O 31B (1970) 119

McDonald, A.B., see O. Häusser 38B (1972) 75
McDonald, A.B., see G.C. Ball 49B (1974) 33
McDonald, J.D., see A.S. Clough 43B (1973) 476
McDonald, J.M., see S. Cochavi 32B (1970) 297
McDonald, N., see A.C. Douglas 24B (1967) 447
McDaniels, D.K., see D. Drake 36B (1971) 557
McElroy, J.M., see W. Bartel 25B (1967) 236, 242; 27B (1968) 660; 28B (1969) 148; 30B (1969) 285; 33B (1970) 245; 35B (1971) 181; 39B (1972) 407
McEver, W.S., T.B. Clegg, J.M. Joyce, E.J. Ludwig, R.L. Walter, An analyzer for the polarization of ^{3}He particles 31B (1970) 560
McEwen, J.G., see D.M. Binnie 36B (1971) 257, 537; 39B (1972) 275
McFarland, A., see G. Barbiellini 39B (1972) 294, 663
McFarlane, R.D., see N.S. Oakey 24B (1967) 142
McFarlane, W.K., see R. Cester 21B (1966) 343
McGlinn, W.D., see C.H. Albright 29B (1969) 666
McGrath, R.L., see S.W. Cosper 25B (1967) 324
McGrath, R.L., J.C. Hardy, J. Cerny, The location and isospin-forbidden alpha decay of the lowest $T = 2$ state in ^{28}Si 27B (1968) 443
McGrath, D.L. Hendrie, E.A. McClatchie, B.G. Harvey, J. Cerny, The (d, ^{6}Li) reaction on light nuclei 34B (1971) 288
McGregor, A., see R.N. Glover 24B (1967) 97
McGrory, J.B., Shell model calculations in ^{54}Cr, ^{56}Fe and ^{57}Fe 21B (1966) 64
McGrory, J.B., see P.W.M. Glaudemans 21B (1966) 427
McGrory, J.B., see R.O. Ginaven 25B (1967) 206
McGrory, J.B., Shell-model calculations of ^{56}Cr and ^{58}Fe 26B (1967) 604
McGrory, J.B., E.C. Halbert, P.W.M. Glaudemans, Shell models calculations for $A = 20$–28 nuclei 26B (1967) 692
McGrory, J.B., see B.H. Wildenthal 27B (1968) 611; 32B (1970) 339
McGrory, J.B., B.H. Wildenthal, Nature of 0^{+} levels in calcium isotopes 28B (1969) 237
McGrory, J.B., see J.B. Ball 29B (1969) 182
McGrory, J.B., Extended model description of ^{19}F and ^{20}Ne 31B (1970) 339
McGrory, J.B., β-decay rates and the role of the $d_{3/2}$- orbit in light s-d-shell nuclei 33B (1970) 327
McGrory, J.B., B.H. Wildenthal, A truncated shell model calculation of ^{23}Na, ^{24}Mg and ^{28}Si 34B (1971) 373
McGrory, J.B., E.C. Halbert, Spherical states in ^{44}Sc 37B (1971) 9
McGrory, J.B., see W.A. Lanford 45B (1973) 238
McGrory, J.B., see J. Gomez Del Campo 46B (1973) 180
McGrory, J.B., Shell model predictions of three- and four-particle cluster transfer spectroscopic factors in some s-d and f-p shell nuclei 47B (1973) 481
McGuire, J.H., Relativistic spin corrections in proton-proton bremsstrahlung 32B (1970) 73
McGuire, J.H., Calculation of forward proton-proton bremsstrahlung at 51.8 MeV 40B (1972) 41
McGurk, N.J., H. Fiedeldey, H. De Groot, H.J. Boersma, Triton binding energy with phase-equivalent potentials 49B (1974) 13
McHarris, Wm.C., see R.W. Goles 44B (1973) 59
McIlwain, R.L., see L.J. Gutay 34B (1971) 152
McIntyre, J., see G.W. Hoffmann 50B (1974) 249
McIntyre, P.M., see H.G.E. Kobrak 43B (1973) 526
McKee, J.S.C., D.J. Clark, R.J. Slobodrian, W.F. Tivol, Scattering of polarized protons by deuterium in the energy region 10 to 20 MeV 24B (1967) 240

McKee, J.S.C., see R.J. Slobodrian 25B (1967) 19
McKee, J.S.C., T. Osborn, A comment on the polarisation in proton-proton scattering at low energy 28B (1969) 7
McKee, J.S.C., see G.R. Isaak 31B (1970) 63, 572
McKee, J.S.C., see C.O. Blyth 33B (1970) 211
McKellar, B.H.J., The one pion exchange contribution to the weak parity violating nucleon-nucleon potential 26B (1967) 107
McKellar, B.H.J., Single particle strength in the continuum 32B (1970) 246
McKellar, B.H.J., Exchange currents in parity non-conserving electromagnetic transitions 38B (1972) 401
McKenzie, J., see L.G. Hyman 25B (1967) 376
McKenzie, J., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
McKenzie, J., see F.J. Hasert 46B (1973) 121, 138
McKeown, M., see G. Scharff-Goldhaber 44B (1973) 416
McKibben, J.L., see G.P. Lawrence 28B (1969) 594
McLean, K.C., see W. Booth 30B (1969) 335
McLeod, D.W., see R.M. Brown 42B (1972) 117
McLatchie, W., see W.G. Davies 27B (1968) 363
McLatchie, W., J.E. Kitching, W. Darcey, The reaction ^{154}Sm(p,t)^{152}Sm and further evidence for shape coexistence in ^{152}Sm 30B (1969) 529
McLatchie, W., see R. Chapman 31B (1970) 292
McLatchie, W., see J.E. Kitching 32B (1970) 343
McLatchie, W., see J.R. Leslie 36B (1971) 76
McMahon, T.J., see E.W. Anderson 29B (1969) 136
McMahon, T.J., see D. Birnbaum 31B (1970) 36, 484
McManus, H., see M. Dworzecka 37B (1971) 331
McManus, H., M. Dworzecka, G.R. Hammerstein, Effects of operator renormalization on inelastic scattering calculations in ^{40}Ca 43B (1973) 9
McManus, H., see F. Petrovich 46B (1973) 141
McManus, H., see G.R. Hammerstein 49B (1974) 235
McMillan, M., Calculation of the ^{3}He charge form factor with the Reid potential 40B (1972) 437
McNamee, P., R.J. Oakes, K_{l5} form factors from PCAC and current algebra 24B (1967) 629
McVay, L.R., R.J. Ascuitto, C.H. King, Indirect processes in single-neutron transfer reactions on rare-earth deformed nuclei 43B (1973) 119
McVoy, K.W., see A. Arima 40B (1972) 7
McVoy, K.W., see R.C. Fuller 41B (1972) 257
Measday, D.F., A study of the (n,d) reaction at 152 MeV 21B (1966) 62
Measday, D.F., The ^{2}H(n,p)2n reaction at 152 MeV 21B (1966) 66
Measday, D.F., J.N. Palmieri, Unbound energy levels in ^{4}H 25B (1967) 106
Measday, D.F., see P. Schwaller 35B (1971) 243
Measday, D.F., see M. Hasinoff 39B (1972) 506
Meboniya, J.V., On applicability of the impulse approximation to reactions of quasi-elastic scattering 30B (1969) 153
Meboniya, J.V., I.G. Surmava, Nonlocal separable potential for α-α interaction 42B (1972) 24
Meboniya, J.V., On a quasi-elastic mechanism of the reaction d(p,2p)n 48B (1974) 196
Mecshanin, A., see C. Bruneton 44B (1973) 471
Meda, D., see A. Possoz 50B (1974) 438
Medicus, H.A., see R.C. Martin 24B (1967) 33
Medicus, H.A., see B.H. Patrick 34B (1971) 488

Medina, J., see Barcelona ... collaboration 48B (1974) 467
Medvedev, V.I., see A.A. Vorobyov 41B (1972) 639
Megaw, J.H.P.C., see A.R. Johnston 21B (1966) 309
Mehlhop, W., see D. Scipione 42B (1972) 489
Mehlig, D., see J. Ahrens 31B (1970) 570
Mehling, R., see D. Harder 32B (1970) 610
Mehnert, R., G. Otto, G. Tomaselli, Isobar-Analog-Zustände im ^{56}Fe 25B (1967) 412
Mehta, G.K., see B.H. Patrick 34B (1971) 488
Mehta, G.K., see R. Singh 45B (1973) 199
Meier, D., see M. Brüllmann 25B (1967) 269
Meier, H.W., see M. Aderholz 24B (1967) 434
Meiere, F.T., see C.H. Chan 28B (1969) 125
Meiere, F.T., Vector dominance of the invariant amplitudes for photoproduction 30B (1969) 44
Meiere, F.T., see L.J. Gutay 34B (1971) 152
Meier-Ewert, K., see K. Bethge 24B (1967) 663
Meijer, B.J., see J. Konijn 35B (1971) 567
Meiling, W., see W. Andrejtscheff 27B (1968) 502
Meiner, H., see A.D. Bacher 29B (1969) 573
Meisel, G., see S. Büttgenbach 43B (1973) 479
Meisner, G.W., see M.E. Binkley 45B (1973) 295
Meissburger, J., see G. Grayer 34B (1971) 333; 35B (1971) 610; 39B (1972) 563
Mekjian, A., An application of the *K*-matrix theory of nuclear reactions to a soluble model 28B (1969) 375
Mekjian, A.Z., On the importance of elastic and inelastic channel contributions to external mixing 29B (1969) 461
Mekjian, A.Z., see A.M. Lane 43B (1973) 105
Meledin, G.V., see V.M. Budnev 39B (1972) 526
Mel'eshko, E.A., see I.I. Gurevich 29B (1969) 387
Melissinos, A.C., see J.C. Berlinghieri 27B (1968) 665
Mellema, D.J., see C.Y. Chien 28B (1969) 143, 615; 29B (1969) 433
Mellema, D.J., see T.G. Trippe 28B (1969) 203; 29B (1969) 390
Mello, P.A., see H. Feshbach 39B (1972) 461
Melnik, Yu.M., see S.P. Denisov 36B (1971) 528
Melnik, Yu.M., see A.A. Derevshchikov 47B (1973) 473
Melnikova, N., see O. Balea 39B (1972) 571
Melnikova, N., see Alma ... collaboration 48B (1974) 277
Melnikova, N.N., see E.G. Bubelev 24B (1967) 246
Memelov, V.V., see M.Ya. Balatz 26B (1967) 320
Menchaca-Rocha, A., see N. Anyas-Weiss 45B (1973) 231; 47B (1973) 442
Menchaca-Rocha, A., see D. Strottman 47B (1973) 16
Mencuccini, C., see C. Bacci 28B (1969) 687; 38B (1972) 551; 39B (1972) 559; 44B (1973) 530, 533
Mendels, E., S.A. Wouthuysen, Dirac's equation and a new group of external symmetry 43B (1973) 333
Mendelson, R., J.C. Hardy, J. Cerney, The structure of ^{16}O and ^{17}O(p,d)^{16}O reaction 31B (1970) 126
Mendes, R.V., Y. Ne'eman, Schwinger terms in an algebraic quark model 32B (1970) 696
Méndez, A., see M.G. Doncel 41B (1972) 83
Méndez, V., R. Ma, T.H. Seligman, A variational calculation of ^{16}O in the α-particle model 36B (1971) 307
Mendiburu, J.P., see J.M. Abillon 32B (1970) 712
Menes, J., see E.W. Anderson 29B (1969) 136
Menes, J., see D. Birnbaum 31B (1970) 36, 484
Menet, J., see J.B. Viano 34B (1971) 397

Menet, J., P. De Saintignon, J.M. Loiseaux, A. Boudard, *g*-Factor of an isomeric level in ^{117}Sb 40B (1972) 192
Menke, M., see J. Ballam 30B (1969) 421
Menke, M.M., see Y. Eisenberg 34B (1971) 439
Mennessier, G., see B. Delcourt 29B (1969) 75
Mennessier, G., O. Nachtmann, Total photoabsorption in nuclei and the value of the rho-nucleon cross-section 34B (1971) 309
Mennrath, P., Ph. Hubert, F. Leccia, J.P. Thibaud, Mesure de la vie moyenne du niveau de 3.085 MeV du ^{13}C 24B (1967) 285
Mennrath, P., see M.M. Aléonard 49B (1974) 40
Menon, M.G.K., see M.R. Krishnaswamy 27B (1968) 535
Menotti, P., see R. Gatto 27B (1968) 381; 28B (1969) 668; 29B (1969) 593
Menze, D., see P. Feller 49B (1974) 197
Menzione, A., see W. Deinet 30B (1969) 359, 426
Menzione, A., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Menzione, A., see G. Bellettini 45B (1973) 69
Menzione, A., see G. Finocchiaro 50B (1974) 396
Mercatali, F., see A. Bertin 38B (1972) 260
Merdinger, J.C., see P. Taras 41B (1972) 295
Merekov, Yu.P., see G. Bozóki 28B (1969) 360
Merenkov, N.P., see E.A. Kuraev 47B (1973) 33
Merkel, B., see J. Buon 26B (1967) 595
Merkel, B., see J. Badier 39B (1972) 414; 41B (1972) 387
Merlo, J.P., see A. De Lesquen 40B (1972) 277
Merlo, J.P., see G. Cozzika 40B (1972) 281
Merlo, J.P., see J. Deregel 43B (1973) 338
Merlo, J.R., see C. Bruneton 44B (1973) 471
Mermaz, M., see C. Levi 22B (1966) 483
Mermikides, M.E., see J. Bartsch 22B (1966) 357; 28B (1969) 439; 33B (1970) 186
Mermikides, M.E., see M. Aderholz 24B (1967) 434
Mermikides, M.E., see R. Speth 29B (1969) 252
Mermod, R., see M. Bott-Bodenhausen 24B (1967) 194, 438
Mermod, R., see M. Bourquin 36B (1971) 615
Mermod, R., see P. Basile 36B (1971) 619
Mermod, R., see A. Zylbersztejn 38B (1972) 457
Merrill, D., see R. Barloutaud 26B (1968) 674
Mertens, G., see W. Tornow 44B (1973) 53
Mertens, J., see H. Ackermann 29B (1969) 485
Merwitz, O., see R. Kosiek 21B (1966) 199
Mery, P., see G. Barbiellini 39B (1972) 294
Meshanin, A.P., see A.A. Derevshchikov 47B (1973) 473
Meshcheryakov, V.A., On a general solution of Chew-Low type equation 24B (1967) 63
Meshcheryakov, V.A., K.V. Rerikh, A.N. Tavkhelidze, V.I. Zhuralev, Dispersion sum rules and high-energy πN scattering 25B (1967) 341
Meshkov, S., see F.J. Gilman 45B (1973) 481
Meshkovsky, A.G., see V.V. Barmin 24B (1967) 249; 33B (1970) 377; 35B (1971) 604; 46B (1973) 465
47B (1973) 463
Mess, K.-H., see G. Vogel 40B (1972) 513
Mess, K.-H., see H. Burfeindt 43B (1973) 345

Mestvirishvily, M.A., see A.A. Logunov 24B (1967) 583, 620; 25B (1967) 611; 37B (1971) 525
Mestvirishvily, M.A., see V.V. Ezhela 47B (1973) 501
Metag, V., R. Repnow, P. Von Brentano, F. Dickmann, K. Dietrich, A secondary minimum in the potential energy surface of ^{40}Ca 34B (1971) 257
Metag, V., R. Repnow, J.L. Durell, A new beta-decaying state in ^{106}In 38B (1972) 19
Metag, V., see F. Dickmann 38B (1972) 207
Metcalf, M., G. Neuhofer, F. Niebergall, M. Regler, H. Stier, K. Winter, J.J. Aubert, X. De Bouard, V. Lepeltier, L. Massonnet, H. Pessard, M. Vivargent, T.R. Willitts, M. Yvert, W. Bartl, M. Steuer, Experimental study of the time-dependent rate of $K^o \to \pi^+\pi^-\pi^o$ 40B (1972) 703
Metmod, R., see M. Bott-Bodenhausen 23B (1966) 277
Meton, C., see Barcelona ... collaboration 48B (1974) 467
Mettel, D., see N. Armenise 25B (1967) 53
Meunier, J.L., see M. Le Bellac 43B (1973) 127
Meunier, J.L., Leading particles, energy momentum conservation and the approach to scaling in inclusive reactions 49B (1974) 55
Meunier, R., see J.V. Allaby 28B (1969) 67, 229; 29B (1969) 198
Meunier, R., see Yu.B. Bushnin 29B (1969) 48
Meunier, R., see J. Badier 39B (1972) 414; 41B (1972) 387
Meyer, A., see H.G. Hilpert 23B (1966) 707; 27B (1968) 474
Meyer, A., see R. Erbe 27B (1968) 54
Meyer, A., see J.V. Beaupré 34B (1971) 160
Meyer, A., see Berlin ... collaboration 48B (1974) 257
Meyer, A., see K.F. Albrecht 48B (1974) 393
Meyer, D.I., see S.P. Ying 30B (1969) 289
Meyer, H., B. Naroska, J.H. Weber, M. Wong, V. Heynen, E. Mandelkow, D. Notz, Total cross section for photoproduction of hadrons on hydrogen and deuterium between 1.0 and 6.4 GeV 33B (1970) 189
Meyer, H., see V. Heynen 34B (1971) 651
Meyer, H., see V. Eckhardt 43B (1973) 240
Meyer, H.O., W.A. Friedman, Compound-nucleus contributions to the T_{20} analyzing power in (d,p) reactions 45B (1973) 441
Meyer, J., see R. Armenteros 24B (1967) 198; 28B (1969) 521
Meyer, J., see H.J. Mang 32B (1970) 321
Meyer, J., see W. Bartel 35B (1971) 181; 39B (1972) 407
Meyer, J., J. Speth, Theoretical investigation of the muonic- and Mössbauer isomer shifts in ^{153}Eu 39B (1972) 330
Meyer, J., see P. Brauel 45B (1973) 389; 50B (1974) 507
Meyer, Ph., see Bouchiat 22B (1966) 198; 25B (1967) 282; 38B (1972) 519; 42B (1972) 91
Meyer, R.W., see T.H.J. Bellm 33B (1970) 438
Meyer, S., see J. Geicke 44B (1973) 85
Meyer, T., see F.T. Dao 45B (1973) 73, 399, 402
Meyer, W.T., see C.E.W. Ward 48B (1974) 471
Meyer-Berkhout, U., see W. Bartel 25B (1967) 236; 27B (1968) 660; 28B (1969) 148
Meyerhof, W.E., see B.R. Barrett 22B (1966) 450
Meyerhof, W.E., see J. Favier 25B (1967) 409
Meyerhof, W.E., see W. Feldman 25B (1967) 593
Meyerhof, W.E., see E. Ventura 46B (1973) 364

Meyers, C., see M. Hontebeyrie 36B (1971) 98
Meyers, C., see J.P. Ader 46B (1973) 403
Meyer-Wachsmuth, H., see W. Braunschweig 33B (1970) 236
Meyer-Wachsmuth, H., see H. Bienlein 46B (1973) 131
Meyer-Wachsmuth, H., see Ch. Berger 47B (1973) 377
Miari, G., see W. Schweinberger 36B (1971) 246
Michael, C., Resonances in the S_{11} pion nucleon amplitude 21B (1966) 93
Michael, C., Spin flip in high energy elastic πN scattering 26B (1967) 392
Michael, C., Double Regge pole exchange and K^-p backward scattering 29B (1969) 230
Michael, C., see C. Daum 31B (1970) 222
Michael, C., see P.R. Auvil 31B (1970) 303
Michael, C., see F. Halzen 32B (1970) 111; 33B (1970) 540; 36B (1971) 367
Michael, C., see A.D. Martin 32B (1970) 297; 37B (1971) 513
Michael, C., R. Odorico, The Σ^0/Λ^0 ratio in K^+ photoproduction and SU(3) 34B (1971) 422
Michael, C., P.V. Ruuskanen, Comments on A_2 production 35B (1971) 47
Michael, C., see G.V. Dass 36B (1971) 339; 38B (1972) 188
Michael, C., see M. Abramovich 39B (1972) 353
Michael, D.N., see R.J. Abrams 30B (1969) 564; 45B (1973) 66
Michael, D.N., see A.S. Carroll 45B (1973) 531
Michael, W., see C. Baglin 22B (1966) 219; 24B (1967) 637; 29B (1969) 445
Michael, W., see R. Arnold 27B (1968) 466
Michael, W., see M. Haguenauer 34B (1971) 219
Michaelidis, P., see J.R. Fry 43B (1973) 146
Michaelis, E.G., see W.F. Baker 23B (1966) 605
Michaelsen, R., see M. Hagen 26B (1967) 432
Michaelsen, R., see J. Bleck 28B (1969) 651; 32B (1970) 41
Michaelsen, R., see R. Link 37B (1971) 50; 42B (1972) 57
Michaelsen, R., see H.K. Walter 40B (1972) 197
Michalon, A., see A. Fridman 21B (1966) 462; 23B (1966) 386
Michalowicz, A., see M. Borghini 21B (1966) 114; 24B (1967) 77; 31B (1970) 405; 36B (1971) 493, 497, 501
Michalowicz, A., see M. Poulet 22B (1966) 636
Michalowicz, A., see H. Aoi 35B (1971) 90
Michaud, B., see J. Kern 24B (1967) 400
Michaud, G., E.W. Vogt, The ^{12}C-^{12}C reactions and the alpha-particle model 30B (1969) 85
Michaudon, A., see M. Asghar 26B (1968) 664
Micek, S., see A. Buta 50B (1974) 333
Michejda, L., see M. Bardadin-Otwinowska 21B (1966) 351
Michejda, L., see J.V. Beaupré 37B (1971) 432
Michejda, L., see O. Balea 39B (1972) 571
Michel, B., see J. Duclos 43B (1973) 245
Michel, F., see R. Ceuleneer 43B (1973) 365
Michel, L., see M.G. Doncel 38B (1972) 42; 42B (1972) 96
Michelini, A., see P. Astbury 22B (1966) 537; 23B (1966) 160, 396
Michelini, A., see W. Beusch 25B (1967) 357; 28B (1969) 211
Michelini, A., see M. Pepin 26B (1967) 35
Michelman, L., see S. Fiarman 22B (1966) 175
Michelman, L.S., C.F. Moore, Charge exchange in $^{91}Zr(p,d)^{90}Zr$ 26B (1967) 446
Michelman, L.S., T.I. Bonner, J.G. Kulleck, Isospin effect in $^{96}Zr(p,d)^{95}Zr$, $^{96}Zr(p,p')^{96}Zr$ and $^{96}Zr(p,p)^{96}Zr$ 28B (1969) 659

Michette, A.G., see T. Eichten 40B (1972) 593; 46B (1973) 274
Michette, A.G., see F.J. Hasert 46B (1973) 121, 138
Miczaika, Th., see P. Feller 49B (1974) 197
Middelkoop, W.C., see L.W. Jones 21B (1966) 590
Middlemas, N., see D.R. Botterill 31B (1970) 325
Middleton, R., see S. Hinds 24B (1967) 34, 89
Middleton, R., J.D. Garrett, H.T. Fortune, Search for multiparticle-multihole states of ^{40}Ca with the ^{32}S(^{12}C,α) reaction 39B (1972) 339
Middleton, R., see D.J. Crozier 41B (1972) 291; 46B (1973) 189
Middleton, R., see H.T. Fortune 44B (1973) 65
Miesowicz, M., see E.V. Anzon 31B (1970) 241
Miessner, H., see E. Arai 24B (1967) 84
Miettinen, H.I., Factorization and exchange degeneracy of secondary trajectories in inclusive reactions 38B (1972) 431
Miettinen, H.I., see Chan Hong-Mo 40B (1972) 112, 406
Miettinen, H.I., P. Pirilä, Momentum transfer dependence in diffraction dissociation 40B (1972) 127
Miettinen, H.I., see K. Fiałkowski 43B (1973) 61, 493
Miettinen, H.I., see M. Le Bellac 48B (1974) 115
Miettinen, H.I., see T. Inami 49B (1974) 67
Migahed, M., see R. Vukanović 29B (1969) 576
Migdal, A.A., On hadronic interactions at small distances 37B (1971) 98
Migdal, A.A., Conformal invariance and bootstrap 37B (1971) 386
Migdal, A.A., Composite models of conformal field theory with a nonintegral number of partons 45B (1973) 272
Migdal, A.A., A.M. Polyakov, K.A. Ter-Martirosyan, Theory of interacting pomerons 48B (1974) 239
Migdal, A.B., Phase transitions (π-condensation) in nuclei and neutrons stars 45B (1973) 448
Migdal, A.B., The energy of the nuclear matter in the presence of the π-condensate 47B (1973) 96
Migdal, A.B., N.A. Kirichenko, G.A. Sorokin, π-condensation in a finite system and properties of nuclei 50B (1974) 411
Mignaco, J.A., see E. Remiddi 27B (1968) 34
Migneco, E., see M.G. Cao 27B (1968) 409; 28B (1969) 37
Mihailović, M.V., see D. Justin 29B (1969) 458
Mihailović, M.V., see Y. Abgrall 43B (1973) 165
Mihul, A., see E.G. Bubelev 24B (1967) 246
Mihul, A., see M. Aderholz 27B (1968) 174
Mihul, A., see J. Bartsch 27B (1968) 336
Mihul, A.L.M., see S. Berceanu 45B (1973) 371
Mikaelian, K.O., see R.W. Brown 43B (1973) 403
Mikenberg, J., see Y. Eisenberg 43B (1973) 149; 48B (1974) 354
Mikeska, H.J., see K. Hacker 26B (1967) 357
Mikhailov, I.N., see D. Karadjov 46B (1973) 163
Mikheev, V.L., see A.G. Artukh 31B (1970) 129; 32B (1970) 43; 33B (1970) 407
Mikulinsky, M.A., V.M. Osadchiev, The μ-atom isotopic shift 21B (1966) 312
Mikulinsky, M.A., see V.P. Krainov 23B (1966) 465
Mikumo, T., R. Seki, Y. Tagishi, M. Fukawa, H. Yamagughi, Excitation functions for the formation of ^{7}Be in ^{3}He particle induced reactions of C, N, O, F, Mg, Al and Si 23B (1966) 586
Milazzo-Colli, L., see A. Cesati 21B (1966) 331
Milazzo-Colli, L., see U. Facchini 26B (1967) 278

Milazzo-Colli, L., M.G. Braga-Marcazzan, Pre-equilibrium emission in n,p and n,α reactions on CsI 36B (1971) 447
Milazzo-Colli, L., see R. Bonetti 49B (1974) 17
Mileev, V.N., T.V. Mishchenko, The angular distributions of secondary γ-quanta and the total cross sections for excitation of nuclei by high-energy particles 47B (1973) 197
Mileev, V.N., see V.V. Balashov 49B (1974) 120
Miles, W., see N. Freed 32B (1970) 313
Miljanic, D., J. Hudomali, G.S. Mutchler, E. Andrade, G.C. Phillips, Quasi-free contributions in the d + ^{6}Li reactions at low energies 50B (1974) 330
Millener, D.J., P.E. Hodgson, The systematics of nuclear single particle states 35B (1971) 495
Miller, C.A., see K.H. Bray 35B (1971) 41
Miller, D.H., see R.L. Eisner 28B (1969) 356
Miller, D.H., L.J. Gutay, S. Lichtman, F.J. Loeffler, R.J. Miller, R.B. Willmann, Confirmation of an enhancement in the $\pi^-\pi^+$ system at M = 1.05 GeV 28B (1969) 51
Miller, D.H., S.L. Kramer, D.D. Carmony, R.L. Eisner, A.F. Garfinkel, L.J. Gutay, W.L. Yen, Production of a $\pi^-\eta$ resonance at a mass of 0.98 GeV in $K^-n \to \Lambda\pi^-\eta$ at 4.5 GeV/c 29B (1969) 255
Miller, D.H., see J.S. Danburg 30B (1969) 270
Miller, D.H., see A.C. Ammann 34B (1971) 533
Miller, D.H., see R.L. McCarthy 42B (1972) 291
Miller, D.J., see M.J. Esten 24B (1967) 115
Miller, D.J., see K.D. Billing 25B (1967) 435
Miller, D.J., see P. Beillière 39B (1972) 671
Miller, D.J., see G. Wilquet 42B (1972) 372
Miller, D.W., see T.G. Dzubay 33B (1970) 302
Miller, E., see T. Maung 33B (1970) 521
Miller, E.S., see V.A. Ashford 38B (1972) 47
Miller, G.H., M. Eckhause, W.W. Sapp, R.E. Welsh, Energy and width measurements of the pionic 2p-1s transition in ^{23}Na 27B (1968) 663
Miller, G.H., see D.A. Jenkins 32B (1970) 267
Miller, G.H., M. Eckhause, F.R. Kane, P. Martin, R.E. Welsh, Negative muon capture in carbon leading to specific final states 41B (1972) 50
Miller, G.H., see F.R. Kane 45B (1973) 292
Miller, H.G., see H.T. Williams 36B (1971) 278
Miller, J., see J. Duclos 43B (1973) 245
Miller, L.D., see N.C. Mukhopadhyay 47B (1973) 415
Miller, M.D., M.S. Sher, P. Signell, N.R. Yoder, D. Marker, Model dependence of $a_{\pi n}$'pp bremsstrahlung, and the binding energy of nuclear matter 30B (1969) 157
Miller, P.D., see J.A. Biggerstaff 25B (1967) 273
Miller, P.D., see W.R. Coker 45B (1973) 321
Miller, P.S., see G.T. Garvey 28B (1969) 243
Miller, R.G., R.W. Kavanagh, Decay of ^{34}Ar 22B (1966) 461
Miller, R.J., see D.H. Miller 28B (1969) 51
Miller, R.J., J.J. Phelan, J.R. Smith, R. Barloutaud, C. Louedec, F. Pierre, J.P. Porte, M. Spiro, B. Drévillon, D. Linglin, R.A. Salmeron, K^-p elastic scattering at 14.25 GeV/c 34B (1971) 230
Miller, R.J., see B. Chaurand 38B (1972) 253
Miller, R.J., see R. Barloutaud 38B (1972) 257
Miller, R.J., see K. Paler 43B (1973) 437; 48B (1974) 151
Mills, S.J., W.L. Rautenbach, Applicability of the statistical model to the description of the population of ground-state rotational levels 27B (1968) 207

Mills, S.J., W.L. Rautenbach, Anomalous population of the ground-state rotational band of ^{174}Hf in the ^{172}Yb$(\alpha,2n\gamma)^{174}$Hf reaction 30B (1969) 481
Mills, S.J., see P. Taras 41B (1972) 295
Milner, W.T., see S. Raman 47B (1973) 19
Milsted, J., see P.R. Fields 24B (1967) 340
Milted, J., see A.M. Friedman 21B (1966) 179
Minami, S., Polarization of recoil protons in proton compton scattering at 720 MeV 21B (1966) 227
Minami, S., K^-–p charge exchange scattering at 1.51 and 1.7 GeV/c 24B (1967) 188
Minami, S., Backward K^+–p elastic scattering at 1–3.5 GeV/c and spin-parity of $Z_1(1910)$ 25B (1967) 557
Minamisono, T., see K. Sugimoto 25B (1967) 130; 31B (1970) 520
Minatti, N., see K.H. Althoff 26B (1968) 677
Miné, P., see M. Haguenauer 34B (1971) 219; 37B (1971) 538
Minehart, R.C., see P.J. Castleberry 34B (1971) 57
Minervina, Z.V., see A.O. Weissenberg 48B (1974) 474
Mines, J.R., see B.J. Cole 33B (1970) 320
Mineyev, V.I., see B.D. Grachyov 22B (1966) 498
Ming Ma, Z., B.Y. Oh, D.L. Parker, G.A. Smith, Some salient features of antiproton-nudleon annihilations 47B (1973) 177
Minguzzi-Ranzi, A., see S. Focardi 24B (1967) 314
Minguzzi-Ranzi, A., see R. Barloutaud 26B (1968) 674
Minguzzi-Ranzi, A., see G. Giacomelli 33B (1970) 373
Minguzzi-Ranzi, A., see W. Hoogland 33B (1970) 631
Minkowski, P., see H. Fritzsch 49B (1974) 462
Minnaert, P., see M.G. Doncel 38B (1972) 42; 42B (1972) 96
Minten, A., see R. Armenteros 24B (1967) 198
Minten, A., see M. Breidenbach 39B (1972) 654
Mintz, S.L., see C.W. Kim 31B (1970) 503
Miransky, V.A., V.P. Shelest, G.M. Zinovjev, Pomeranchuk trajectory and $J=1$ fixed poles in virtual Compton amplitude 35B (1971) 222
Miransky, V.A., V.P. Shelest, B.V. Stuminsky, G.M. Zinovjev, Dual resonance model and statistical bootstrap 43B (1973) 73
Miranksy, V.A., see M.I. Gorenstein 45B (1973) 475
Mir-Kasimov, R.M., see V.V. Babikov 31B (1970) 415
Mirosidi, G.S., see V.V. Barmin 33B (1970) 377; 35B (1971) 604; 46B (1973) 465; 47B (1973) 463
Mischke, R.E., see J.T. Dakin 36B (1971) 607
Mischke, R.E., see W. Schimmerling 37B (1971) 177
Misetich, A., see J. Chappert 28B (1969) 406
Mishakova, A.P., see I.I. Gurevich 31B (1970) 394; 38B (1972) 549
Mishchenko, T.V., see V.N. Mileev 47B (1973) 197
Mistretta, C., see J. Lynch 35B (1971) 457
Mistry, N., see E. Eisenhandler 24B (1967) 347
Mistry, N., see C. Berger 39B (1972) 659
Mistry, N.B., S. Mori, D.I. Sober, A.J. Sadoff, Photoproduction of Y^{*0} resonant states 24B (1967) 528
Misuri, G., see W. Beusch 46B (1973) 477
Mitchell, G.E., see G.L. Morgan 32B (1970) 353
Mitchell, G.E., see E.G. Bilpuch 35B (1971) 303
Mitchell, G.E., see W.C. Peters 42B (1972) 422
Mithra, B., R. Laverriere, A possible interpretation of the difference between the d(p,2p)n and d(p,pn)p cross-sections 41B (1972) 11

Mitin, A.A., see V.K. Birulev 38B (1972) 452
Mitra, A.N., see V.K. Gupta 24B (1967) 27
Mitra, A.N., see V.S. Bhasin 32B (1970) 15
Mitra, A.N., see D.K. Choudhury 32B (1970) 619
Mitra, A.N., see C.B. Chiu 40B (1972) 401
Mitra, A.N., see J.S. Sharma 46B (1973) 44
Mitra, A.N., see S.G. Kamath 47B (1973) 155
Mitra, N., R.P. Saxena, Partial symmetry and meson couplings 25B (1967) 225
Mitsunobu, S., see Y. Horikawa 36B (1971) 9
Mittig, W., see Y. Cassagnou 27B (1968) 631
Mittner, P., see A.M. Cnops 22B (1966) 546; 26B (1967) 398; 27B (1968) 113
Mittner, P., see R.A. Bowen 24B (1967) 206
Mittner, P., see J.P. Dufey 26B (1967) 410; 29B (1969) 605
Mittner, P., see A. Brabson 42B (1972) 283, 287
Mittra, I.S., see Y. Goldschmidt-Clermont 27B (1968) 602
Mittra, I.S., see A. Gurtu 50B (1974) 391
Miura, K., see T. Yamaya 39B (1972) 182
Mivielle, F., see A. Fleury 24B (1967) 576
Miyake, K., see Y. Hemmi 32B (1970) 137; 43B (1973) 79
Miyake, S., see M.R. Krishnaswamy 27B (1968) 535
Miyanishi, Y., see T. Marumori 25B (1967) 249
Miyano, K., see H. Morinaga 25B (1967) 22
Miyase, H., see K. Shoda 28B (1969) 30
Miyashita, S., see M. Dickenson 23B (1966) 505; 24B (1967) 596
Miyashita, S., see J. Von Krogh 27B (1968) 253
Miyashita, S., see A. De Lesquen 40B (1972) 277
Miyashita, S., see J. Deregel 43B (1973) 338
Miyashita, S., see C. Bruneton 44B (1973) 471
Miyazawa, H., see K. Igi 34B (1971) 140
Mizera, P.F., D.S. Shreve, D.W. Storm, An investigation of the small angle j dependence of (α,t) reactions on ^{64}Ni and ^{30}Si 25B (1967) 400
Mizobuchi, A., see K. Sugimoto 31B (1970) 520
Mnatsakanova, M.N., An.M. Popova, Yu.S. Vernov, Analyticity and integral relations for the scattering amplitude 40B (1972) 174
Mo, J.N., see C.W. Lewis 22B (1966) 476
Mo, L.W., see J. Litt 31B (1970) 40
Moalem, A., M.A. Moinester, J. Alster, Y. Dupont, M. Chabre, The $^{92}Mo(p,t)^{90}Mo$ reaction at 40 MeV 34B (1971) 392
Moalem, A., see G.R. Hammerstein 49B (1974) 235
Möbius, P., H. Pietschmann, Difficulties of the static quark model in the case of the η-decays 22B (1966) 684
Mobley, R.M., see G. Conforto 45B (1973) 154
Mockett, P.M., see R.J. Abrams 45B (1973) 66
Mockett, P.M., see A.S. Carroll 45B (1973) 531
Modjtahed-Zadeh, R., see S. Gorodetzky 22B (1966) 505
Moebes, J., see H.G. Hilpert 23B (1966) 707
Moebes, J., see R. Erbe 27B (1968) 54
Moebes, J.P., see H.W. Atherton 42B (1972) 522; 43B (1973) 249

Moen, I.O., A.R. White, Pomeron couplings 42B (1972) 75
Moffat, J.W., High energy theorems for total cross sections from a current algebra 23B (1966) 148
Moffat, J.W., see T.J. Gadjicar 25B (1967) 608
Moffeit, K.C., see H.H. Bingham 41B (1972) 635
Möhring, K., see R. Lipperheide 39B (1972) 323
Moinester, M.A., see A. Moalem 34B (1971) 392
Moiseev, A.M., see V.V. Ammosov 42B (1972) 519
Moiseev, A.M., see H. Blumenfield 45B (1973) 525, 528
Moiseev, A.M., see V.A. Bumazshnov 50B (1974) 283
Moiseev, A.M., see J. Derre 50B (1974) 287
Moldauer, P.A., T-violation and detailed balance in direct reactions 26B (1967) 713
Moldauer, P.A., see K. Takeuchi 28B (1969) 384
Molinari, A., see I. Hamamoto 26B (1968) 649
Molinari, A., see R. D'Auria 29B (1969) 285
Molinari, A., see T. Bressani 36B (1971) 297
Molinari, A., T. Regge, Rotational motion at large angular momentum in even-even deformed nuclei 41B (1972) 93
Molinari, A., see R.A. Broglia 50B (1974) 295
Möller, P., B. Nilsson, S.G. Nilsson, A. Sobiczewski, Z. Szymansky, S. Wycech, Hexadecapole equilibrium distortions of nuclei 26B (1967) 418
Möller, P., S.G. Nilsson, A. Sobiczewski, A. Szymansky, S. Wycech, Nonperturbative treatment of the P_3 degree of freedom of the nuclear potential at equilibrium and fission distortions 30B (1969) 223
Möller, P., see S.G. Nilsson 30B (1969) 437
Möllerm P., B. Nilsson, On the effect of the P_6 degree of freedom in the nuclear potential at equilibrium and fission distortions 31B (1970) 171
Möller, P., S.G. Nilsson, The fission barrier and odd-multipole shape distortions 31B (1970) 283
Möller, P., see C. Gustafsson 34B (1971) 349
Möller, P., S.G. Nilsson, R.K. Sheline, Octupole deformations in the nuclei byond ^{208}Pb 40B (1972) 329
Møller, R., see A.J. Buras 47B (1973) 251
Mølerud, R., see D. Haidt 29B (1969) 691, 696
Møllerud, R., see H. Bøggild 30B (1969) 369
Monahan, C.F., see C.W. Lewis 22B (1966) 476
Monahan, C.F., see J.S. Forster 32B (1970) 451
Monahan, C.F., see G.C. Ball 37B (1971) 366
Monari, L., see S. Focardi 24B (1967) 314
Monari, L., see R. Barloutaud 26B (1968) 674
Monari, L., see V. Ailes-Borelli 36B (1971) 149; 40B (1972) 433
Monari, L., see M. Bernardini 44B (1973) 393; 45B (1973) 169, 510; 46B (1973) 261
Moniz, E.J., G.D. Nixon, Effect of correlations on high-energy processes using nuclear targets 30B (1969) 393
Moniz, E.J., see J.T. Londergan 45B (1973) 195
Moniz, E.J., see J.M. Eisenberg 47B (1973) 381
Mönkemeyer, D., see H.G. Hilpert 23B (1966) 707
Mönkemeyer, D., see H.J. Mück 39B (1972) 303
Mönkemeyer, D., see V. Blobel 48B (1974) 73
Mönnig, F., see J. Engler 27B (1968) 599; 28B (1969) 64; 29B (1969) 321; 31B (1970) 669; 32B (1970) 716; 34B (1971) 528
Monseu, P., see R.M. Lieder 49B (1974) 161

Monsonego, G., R. Piepenbring, Transitions E1 dans les noyaux deformés de masse impaire avec couplage rotation-particule et vibration-particule 21B (1966) 180
Monsonego, G., see Y. Abgrall 24B (1967) 609; 26B (1967) 53; 30B (1969) 376
Montague, D.G., see W.G. Davies 27B (1968) 363
Montanet, L., see L. Dobrzynski 22B (1966) 105
Montanet, L., see A. Astier 25B (1967) 294
Montanet, L., see M. Aguilar-Benitez 29B (1969) 62, 241, 379
Montanet, L., see F. James 35B (1971) 265
Montanet, L., see V. Chaloupka 44B (1973) 211
Montanet, L., see J. Louie 48B (1974) 385
Montgomery, D.M., see A.A. Caretto, Jr. 44B (1973) 459
Montgomery, H.E., see D.R. Botterill 46B (1973) 125
Montgomery, T.A., see E.H. Bellamy 39B (1972) 299
Montgomery, T.A., see N.H. Lipman 43B (1973) 89
Montret, J.C., see J. Duclos 43B (1973) 245
Montvay, I., Erratum 30B (1969) 653; 33B (1970) 540
Montvay, I., Exchange forces in the quark bound states and the asymptotic behaviour of form factors 40B (1972) 476
Montvay, I., Explicit solution of the integral equations for fireball decay 42B (1972) 466
Montvay, I., see F. Csikor 49B (1974) 47
Montvay, L., Dual resonance model with two fermions 30B (1969) 653
Moore, C., see R. Singer 49B (1974) 481
Moore, C.F., L.J. Parish, P. Von Brentano, S.A.A. Zaidi, On the structure of the first three excited states in ^{208}Pb 22B (1966) 616
Moore, C.F., see W.R. Coker 25B (1967) 271
Moore, C.F., Charge exchange in ^{91}Zr(d,p)^{92}Zr 25B (1967) 408
Moore, C.F., W.R. Coker, V. Valković, C. Joseph, J. Sandler, Coincidence spectra of the ^{92}Mo(d,np)^{92}Mo reaction 25B (1967) 468
Moore, C.F., see L.S. Michelman 26B (1967) 446
Moore, C.F., see P. Von Brentano 26B (1968) 666; 27B (1968) 163
Moore, C.F., see W.J. Courtney 31B (1970) 131
Moore, M.N., see G. De Saussure 31B (1970) 413
Moore, R.S., see R.A. Donald 22B (1966) 711; 25B (1967) 448; 26B (1967) 327
Moorhouse, R.G., H. Oberlack, Analysis of pion photoproduction and the quark model 43B (1973) 44
Moorhouse, R.G., N. Parsons, Comparison of the quark model with SU_3 inelastic amplitudes 47B (1973) 24
Moragues, J.A., W. Gelletly, M.A.J. Mariscotti, Internal conversion coefficients of high-energy gamma rays 27B (1968) 441
Morand, R., see V. Chabaud 38B (1972) 441, 445, 449; 41B (1972) 209
Morand, R., see Å. Eide 41B (1972) 225
Morand, R., see M. Banner 41B (1972) 547; 44B (1973) 537
Morand, M., see Barcelona ... collaboration 48B (1974) 467
Moreh, R., M. Friedman, M1 and E1 resonant scattering of gamma rays from neutron capture in iron 26B (1967) 579
Moreh, R., M. Friedman, Erratum 27B (1968) 377; 31B (1970) 642
Moreh, R., D. Salzmann, Y. Wand, Precise measurement of attenuation coefficients of γ rays in the 7.5 MeV region 30B (1969) 536
Moreh, R., D. Salzmann, G. Ben-David, Forward elastic scattering of 9 MeV gamma rays 34B (1971) 494
Moreh, R., see M. Hass 36B (1971) 68

Moreh, R., A. Nof, O. Shahal, A. Wolf, The M2 radiative widths of nuclear levels at about 7 MeV excitation 36B (1971) 71
Moreh, R., S. Kahana, Delbruck scattering of 7.9 MeV photons 47B (1973) 351
Morehouse, C.C., see P.R. Robrish 31B (1970) 617
Morehouse, C.C., see H. Bienlein 46B (1973) 131
Morellet, D., see I.A. Budagov 28B (1969) 215
Moretto, L.G., R. Stella, Statistical approach to the deformation of excited nuclei 32B (1970) 558
Moretto, L.G., Statistical attenuation of shell effects in the fission probability of excited superheavy nuclei 34B (1971) 191
Moretto, L.G., Pairing correlation in excited nuclei with non-zero angular momentum 35B (1971) 379
Moretto, L.G., Note on the disappearance of shell effects with excitation energy and the Strutinski smoothing procedure 38B (1972) 393
Moretto, L.G., S.G. Thompson, J. Routti, R.C. Gatti, Influence of shells and pairing on the fission probabilities of nuclei below radium 38B (1972) 471
Moretto, L.G., Pairing fluctuations in excited nuclei and the absence of a second order phase transition 40B (1972) 1
Moretto, L.G., A novel approach to the evaporation of complex fragments 40B (1972) 185
Moretto, L.G., see E. Nardi 43B (1973) 259
Moretto, L.G., Finite temperature calculation of angular velocities and moments of inertia in rotating nuclei 44B (1973) 494
Moretto, L.G., Pairing and spin distribution effects on the yrast line 46B (1973) 20
Moretto, L.G., R.P. Babinet, Large superfluidity enhancement in the penetration of the fission barrier 49B (1974) 147
Morf, R., see K Alder 32B (1970) 645
Morfin, J., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Morfin, J., see F.J. Hasert 46B (1973) 121, 138
Morgan, D., see C.D. Froggatt 33B (1970) 582; 40B (1972) 655
Morgan, G.L., D.R. Tilley, G.E. Mitchell, R.A. Hilko, N.R. Robertson, States in ^{18}O excited by the $^{14}C(^{7}Li,t)$ reaction 32B (1970) 353
Morgenstern, J., see S. De Barros 23B (1966) 683
Morgenstern, J., see H.E. Jackson 24B (1967) 41
Morgenstern, J., see H. Schmidt 24B (1967) 457
Morgenstern, J., J.W. Schmidt, G. Flügge, H. Schmidt, The g factor of the 175 keV state in ^{71}Ge and hyperfine fields of ^{71}Ge in Fe and Ni 27B (1968) 370
Morgenstern, J., see D. Evers 27B (1968) 423
Morgenstern, J., see J. Duclos 43B (1973) 245
Morgenstern, H., see H. Fuchs 49B (1974) 447
Mori, S., see N.B. Mistry 24B (1967) 528
Mori, S., J.S. Greenberg, V.W. Hughes, D.C. Lu, J.E. Rothberg, P.A. Thompson, Further search for $S=+1$ baryon states in photoproduction 28B (1969) 152
Morinaga, H., On the spin of a broad state around 10 MeV in ^{12}C 21B (1966) 78
Morinaga, H., K. Miyano, K. Fujikawa, R. Chiba, K. Ebisawa, N. Kawai, A new activity ^{52}Ti 25B (1967) 22
Morinaga, H., see E. Nolte 33B (1970) 294
Morinaga, H., see C. Signorini 40B (1972) 549
Morinaga, H., see H. Wegmann 49B (1974) 437
Morita, K., see S. Fujii 33B (1970) 453
Morita, S., see T. Yamaya 39B (1972) 182
Moritz, J., see J. Bleckwenn 38B (1972) 265

Moriyasu, K., see B. Daugeras 27B (1968) 332
Moriyasu, K., see R. Huson 28B (1969) 208
Moriyasu, K., see J. Ballam 31B (1970) 489
Moromisato, J., see H.R. Blieden 39B (1972) 668
Morosov, V.M., see G.V. Gorlov 25B (1967) 197
Morozov, A.G., see Yu.M. Antipov 29B (1969) 245; 30B (1969) 576; 34B (1971) 164
Morozov, B.A., see G.G. Beznogikh 30B (1969) 274; 39B (1972) 411
Morozova, P.W., see M.G. Antonova 39B (1972) 282, 285
Morpurgo, G., see G. Furlan 21B (1966) 720
Morpurgo, G., Possible metastable baryonic states with even parity in the quark model 22B (1966) 214
Morpurgo, G., see G. Gallinaro 23B (1966) 609
Morpurgo, G., Some remarks on the electromagnetic form factors of the proton 27B (1968) 378
Morris, J.M., see T.R. Ophel 32B (1970) 101
Morris, T.W., see W.E. Ellis 32B (1970) 140, 641
Morris, T.W., see R.S. Panvini 38B (1972) 55
Morrison, D.R.O., see S. Brandt 22B (1966) 109, 230
Morrison, D.R.O., see M. Deutschmann 22B (1966) 112
Morrison, D.R.O., On the kinematic enhancement of resonance production in certain two body reactions 22B (1966) 226
Morrison, D.R.O., see J. Bartsch 22B (1966) 357; 25B (1967) 48, 27B (1968) 336; 28B (1969) 439 33B (1970) 186
Morrison, D.R.O., Interpretation of the variation of cross section with incident momentum for inelastic two body reactions 22B (1966) 528
Morrison, D.R.O., see F. Crijns 22B (1966) 533
Morrison, D.R.O., see M. Aderholz 24B (1967) 434; 27B (1968) 174
Morrison, D.R.O., The possible existence of a ($\pi\rho$) resonance near 1300 MeV with a spin-parity assignment of 2^- or 1^+ 25B (1967) 238
Morrison, D.R.O., see J.V. Beaupré 34B (1971) 160; 37B (1971) 432; 40B (1972) 510; 41B (1972) 393
Morrison, D.R.O., see K. Boesebeck 34B (1970) 659
Morrison, D.R.O., see Aachen ... collaboration 49B (1974) 388
Morrison, G.C., see D.H. Youngblood 22B (1966) 625
Morrison, G.C., see J.R. Comfort 32B (1970) 685
Morrison, R.J., see W. Bartel 25B (1967) 236, 242
Morsch, H.P., R. Santo, Inelastic ^{3}He scattering on $f_{7/2}$ shell nuclei as a consistent test of the microscopic approach 37B (1971) 491
Morsch, H.P., Monopole transitions in the inelastic ^{3}He-scattering on Ti-isotopes 47B (1973) 21
Mortara, D.W., see R.M. Brown 42B (1972) 117
Morton, J.M., see J.E. Kitching 32B (1970) 343
Moscati, G., see J.S. Barton 42B (1972) 297
Mosconi, B., see B. Bosco 30B (1969) 136; 32B (1970) 236
Mosconi, B., see F. Erdas 32B (1970) 659
Mosconi, B., see M. Colocci 45B (1973) 224
Moscoso, L., J.R. Hubbard, A. Leveque, C. Louedec, D. Revel, J. Badier, E. Barrelet, I. Makarovitsch, A. Rouge, H. Videau, K^-p charge exchange at 3.95 GeV/c 32B (1970) 513
Moscoso, L., see G.R. Charlton 32B (1970) 720
Moscoso, L., J.R. Hubbard, A. Rouge, H. Videau, Final states $\eta\Lambda$ and $\eta'\Lambda$ in K^-p interactions at 3.95 GeV/c 40B (1972) 285

Moscoso, L., see I. Videau 41B (1972) 213
Mosel, U., see G. Gneuss 30B (1969) 397; 31B (1970) 269; 32B (1970) 161
Mosel, U., see K. Albrecht 32B (1970) 229
Mosel, U., T.D. Thomas, P. Riesenfeldt, Ion-ion potentials in a two center model 33B (1970) 565
Mosel, U., J. Maruhn, W. Greiner, Asymptotically correct shell model for asymmetric fission 34B (1971) 587
Mosel, U., H.W. Schmitt, Fission barriers for light elements ($A = 180 - 212$) 37B (1971) 335
Mosel, U., Influence of the continuum on level-densities 46B (1973) 8
Mosel, U., see K.H. Passler 47B (1973) 419
Mosel, U., see D. Glas 49B (1974) 301
Moser, K., see K. Bätzner 39B (1972) 575
Moses, J.D., see J.C. Browne 28B (1969) 26
Moshinsky, M., see E. Chacón 23B (1966) 567
Moshinsky, M., see P. Kramer 23B (1966) 574
Moshinsky, M., C. Quesne, Generalization to arbitrary groups of the relation between seniority and quasispin 29B (1969) 482
Moshinsky, M., see V.C. Aguilera-Navarro 32B (1970) 336
Moskalev, V.I., see M. Aderholz 27B (1968) 174
Moskalev, V.I., see J. Bartsch 27B (1968) 336
Moskowitz, P.A., M. Lombardi, Distribution of nuclear magnetization in mercury isotopes 46B (1973) 334
Moss, C.E., see C. Détraz 34B (1971) 128
Moss, J.M., see M.P. Barbier 34B (1971) 386
Moss, J.M., Spin flip in inelastic scattering: A possible explanation of the observed backward-angle peak 41B (1972) 244
Mössbauer, R.L., see G. Kaindl 26B (1967) 386
Mostek, P., see E. Eisenhandler 24B (1967) 347
Mostovoy, Yu.A., see B.G. Erozolimsky 27B (1968) 557; 33B (1970) 351
Mott, J., R. Ammar, R. Davis, W. Kropac, A. Cooper, M. Derrick, T. Fields, L. Hyman, J. Loken, F. Schweingruber, J. Simpson, K^-–p elastic scattering at 5.5 and 4.1 GeV/c 23B (1966) 171
Mott, J., see R. Davis 27B (1968) 532
Moulder, J.W., see W.M. Bugg 31B (1970) 595
Moussa, P., see G. Cohen-Tannoudji 33B (1970) 183
Movchet, J., see M. Banner 21B (1966) 582
Movchet, J., see A. De Lesquen 40B (1972) 277
Movchet, J., see J. Deregel 43B (1973) 338
Movchet, J., see C. Bruneton 44B (1973) 471
Moxon, M.C., see A. Asami 28B (1969) 656
Moyer, R.A., see R.C. Diehl 30B (1969) 637
Mozley, R., see M. Davier 28B (1969) 619
Mucci, J., see E.W. Anderson 29B (1969) 136
Mucci, J.F., see D. Birnbaum 31B (1970) 36, 484
Mück, H.J., M. Schachter, F. Selonke, B. Wessels, V. Blobel, A. Brandt, G. Drews, H. Fesefeldt, B. Hellwig, D. Mönkemeyer, P. Söding, G.W. Brandenburg, H. Franz, P. Freund, D. Lüers, W. Richter, W. Schrankel, Pionization in pp interaction at 12 and 24 GeV/c 39B (1972) 303
Mueller, A.H., see R.C. Brower 46B (1973) 105
Mueller, D.W., R.D. Macfarlane, K. Beg, A.D. Suttle Jr., Crystal lattice effects in the $^{149}Sm(n,\alpha)^{146}Nd$ reaction induced by thermal neutrons 36B (1971) 74
Mughagbhag, S.F., see R.E. Chrien 24B (1967) 573

Mughabghab, S.F., Breakdown of the extreme statistical model in neutron capture 35B (1971) 469
Mühlemann, P., see W. Beusch 46B (1973) 477
Muir, J., see K.J. Peach 35B (1971) 351; 43B (1973) 441
Muir, R.B., see M.E. Binkley 45B (1973) 295
Muirhead, H., see J.A. Danysz 24B (1967) 309
Muirhead, H., A. Poppleton, Gross features of the annihilation process $p\bar{p} \to n\pi$ 29B (1969) 448
Muirhead, H., see P.S. Gregory 43B (1973) 228
Muirhead, H., see D. Everett 47B (1973) 541
Muirhead, M., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Mukhamedzhanov, A.M., see A.G. Baryshnickov 45B (1973) 1
Mukhamedzhanov, A.M., see E.I. Dolinsky 48B (1974) 95
Mukherjee, I., see P. Mukherjee 28B (1969) 592
Mukherjee, N.C., see J. Bartsch 22B (1966) 357; 27B (1968) 336
Mukherjee, N.C., see M. Aderholz 24B (1967) 434
Mukherjee, P., I. Mukherjee, E0 transitions in ^{152}Sm and ^{152}Gd 28B (1969) 592
Mukherjee, S., see S.K. Ghosh 38B (1972) 203
Mukherjee, S.N., B. Barman Roy, M.L. Rustgi, The insensitivity of the γ(d,n)p cross sections to realistic potentials 24B (1967) 548
Mukhin, K.N., see A.A. Kartamyshev 44B (1973) 310
Mukhin, S., see W.F. Baker 28B (1969) 291
Mukhin, S., see P.J. Carlson 33B (1970) 502
Mukhin, S., see V. Chabaud 38B (1972) 441, 445, 449; 41B (1972) 209
Mukhin, S., see C. Baglin 47B (1973) 85, 89
Mukhopadhyay, N.C., On the impulse-approximation treatment of allowed muon capture in ^{6}Li 40B (1972) 157
Mukhopadhyay, N.C., Nuclear structure effects in the allowed muon capture in ^{14}N 44B (1973) 33
Mukhopadhyay, N.C., Giant magnetic dipole analog excitations by the allowed muon capture in 1p-shell nuclei 45B (1973) 309
Mukhopdhyay, N.C., see L.P. Fulcher 47B (1973) 115
Mukhopdhyay, N.C., L.D. Miller, Relativistic corrections to nuclear matrix elements in mirror β-decays 47B (1973) 415
Mukunda, N., E.C.G. Sudarshan, A. Böhm, Relativistic particle spectra and mass splittings 24B (1967) 301
Mulachiè, A., see B. Borgia 35B (1971) 340
Mulder, J.P.F., Cloud chamber measurement of the polarization of d-D neutrons at E_d = 350 keV 23B (1966) 589
Mullendore, J.V., see M.L. Roush 23B (1966) 355
Müller, A., see A.M. Cnops 22B (1966) 546; 26B (1967) 398; 27B (1968) 113
Müller, A., see A. Larribe 23B (1966) 600
Müller, A., see R.A. Bowen 24B (1967) 206
Müller, A., see P.J. Litchfield 24B (1967) 486
Müller, A., see J.P. Dufey 26B (1967) 410; 29B (1969) 605
Müller, A., see F. James 35B (1971) 265
Müller, A., see J. Alitti 39B (1972) 568
Müller, B., J. Rafelski, W. Greiner, Solution of the Dirac equation with two Coulomb centres 47B (1973) 5
Müller, B., R. Kent-Smith. W. Greiner, Induced radiative transitions of intermediate molecules in heavy ion collisions 49B (1974) 219
Müller, D., see R. Kosiek 21B (1966) 199
Muller, F., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468

Muller, F., see M. Jobes 26B (1967) 49
Muller, F., see Y. Goldschmidt-Clermont 27B (1968) 602
Muller, F., see P.V. Chliapnikov 39B (1972) 279
Muller, F., see J.N. Carney 42B (1972) 124
Müller, G., see G. Eisele 28B (1969) 256
Müller, H., see W. Deinet 30B (1969) 359, 426
Müller, H., see I.M. Blair 32B (1970) 528
Müller, H., see D. Schmitt 32B (1970) 638
Müller, H., see W.D. Apel 40B (1973) 459; 41B (1972) 234. 542; 46B (1973) 459
Müller, M., see W. Von Oertzen 26B (1967) 291
Müller, R., see W. Wölfli 22B (1966) 75
Müller, R., see G. Thiévant 30B (1969) 23
Müller, R., see J. Hall 37B (1971) 53
Müller, R., see L. Jarczyk 39B (1972) 191
Müller, R., see U. Peyer 41B (1972) 151
Müller, R., see K.-E. Rehm 46B (1973) 353
Müller, R., F. Gönnenwein, F. Käppeler, A. Ernst, J. Scheer, Search for fission shape isomers in (n,f) reactions induced by neutrons of about 1 MeV 48B (1974) 25
Müller, R., see A. Buta 50B (1974) 333
Muller, R.A., Observation of cascade hyperon interactions 38B (1972) 123
Müller-Arnke, A., see F. Beck 27B (1968) 343
Müller-Arnke, A., SU(3) coupling for negative-parity states of ^{16}O 46B (1973) 325
Mulligan, T., see R.F. Casten 32B (1970) 45
Mulligan, T.J., see F. Ajzenberg-Selove 40B (1972) 205
Mulligan, T.J., see R.F. Casten 40B (1972) 333
Mulvey, J.H., see R.T. Ross 38B (1972) 177
Mumuianu, D., see E.G. Bubelev 24B (1967) 246
Münchow, L., see S. Frauendorf 34B (1971) 469
Münchow, L., see H.R. Kissener 25B (1967) 493
Münchow, L., see W. Andrejtscheff 44B (1973) 351
Münchow, L., see H.J. Wiebicke 50B (1974) 429
Münck, E., D. Quitmann, S. Hüfner, Mössbauer effect in ^{164}Er and g factors for the lowest 2^+ states of some isotopes of Dy, Er and Yb 24B (1967) 392
Mundhenke, R., see K.H. Althoff 37B (1971) 531, 535; 43B (1973) 237
Munir, B., see J. Lynch 35B (1971) 457
Münnich, F., see P.G. Hansen 28B (1969) 415, 596, 663
Mur, V.D., see V.N. Gribov 32B (1970) 129, 724
Muradian, E.G., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301; 48B (1974) 463
Murakami, A., A possible interpretation of distinct violation of the isospin invariance observed in the $^2H(\alpha,t)^3He$ reaction at $E_{c.m} = 27.4$ MeV 36B (1971) 165
Murakami, A., see I. Endo 47B (1973) 469
Murata, T., see R. Chiba 28B (1969) 173
Murata, Y., see A.M. Boyarski 34B (1971) 547
Murisov, V.A., see M.Ya. Balatz 26B (1967) 320
Murnick, D., see L. Grodzins 24B (1967) 282
Murphy, J.D., H. Überall, Eikonal approximation for magnetic electron scattering 44B (1973) 347
Murphy, K.A., see N. Hershkowitz 27B (1968) 563
Murphy, P.G., see M.G. Albrow 29B (1969) 54; 33B (1970) 516; 40B (1972) 136; 42B (1972) 279 44B (1973) 207, 518

Murray, G., see J.M. Freeman 22B (1966) 177; 27B (1968) 156
Murray, G., The Doppler broadening of annihilation radiation 24B (1967) 268
Murray, G., W.J.K. White, J.C. Willmott, R.F. Entwistle, An anomalous coupling $\frac{7}{2}^+$ state in ^{73}Se 28B (1969) 35
Murtas, G.P., see C. Bacci 38B (1972) 551; 44B (1973) 530, 533
Murty, S., see D. Scipione 42B (1972) 489
Murugesu, S., see B.W. Allardyce 41B (1972) 577
Muryn, B., see A. Białas 26B (1967) 513
Muryn, M., see A. Białas 24B (1967) 428
Musgrave, B., see D.C. Colley 24B (1967) 489
Musgrave, B., see Y. Cho 32B (1970) 409
Musset, P., see C. Baglin 22B (1966) 219; 23B (1966) 286; 24B (1967) 637; 29B (1969) 445
Musset, P., see F. Jacquet 25B (1967) 574
Musset, P., see R. Arnold 27B (1968) 466
Musset, P., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Musset, P., see F.J. Hasert 46B (1973) 121, 138
Mustachi, A., see E.R. Bauminger 30B (1969) 531; 32B (1970) 678
Mustafa, M.G., K. Kumar, Angular momentum dependence of moments of inertia and fission barriers of ^{240}Pu 49B (1974) 405
Mustard, R., see R. Amendolia 44B (1973) 119
Mustard, R., see G. Belettini 45B (1973) 69
Musychka, Yu.A., Single-particle potentials and the stability of superheavy nuclei 28B (1969) 539
Muta, T., see Y. Matsumoto 39B (1972) 258
Mutchler, G.S., see N.D. Gabitzsch 47B (1973) 234
Mutchler, G.S., see M. Furić 47B (1973) 241
Mutchler, G.S., see D. Miljanic 50B (1974) 330
Muthukrishnan, R., see K. Kolltveit 26B (1967) 423
Muto, J., see H. Taketani 27B (1968) 625
Myatt, G., see R. Arnold 28B (1969) 56
Myatt, G., see I.A. Budagov 28B (1969) 215; 29B (1969) 524; 30B (1969) 364
Myatt, G., see D.C. Cundy 31B (1970) 478
Myatt, G., D.H. Perkins, Further observations on scaling in neutrino interactions 34B (1971) 542
Myatt, G., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Myatt, G., see F.J. Hasert 46B (1973) 121, 138
Myers, W.D., Droplet model isotope shifts and the neutron skin 30B (1969) 451
Myhrer, F., The K-mesic atom 45B (1973) 96
Myhrer, F., D.S. Koltun, Pion-deuteron scattering in the $\Delta(1236)$ energy region as a three-body problem 46B (1973) 322
Myhrer, F., R.R. Silbar, Unitarity corrections to pion-nucleus scattering lengths 50B (1974) 299
Myklebost, K., see E.G. Bubelev 24B (1967) 246
Myklebost, K., see H.W. Atherton 30B (1969) 494; 43B (1973) 249
Myklebost, K., see M. Haguenauer 34B (1971) 219
Myrheim, J., see P.J. Carlson 33B (1970) 502
Myrheim, J., see V. Chabaud 38B (1972) 441, 445, 449; 41B (1972) 209
Mysnik, A.I., see A.A. Derevshchikov 47B (1973) 473

Nachtmann, O., see G. Mennessier 34B (1971) 309
Nagai, Y.E., Explanation for nonleptonic decays of hyperons 36B (1971) 568
Nagamiya, S., T. Katou, T. Nomura, T. Yamazaki, Effective spin and orbital magnetism of the proton studied from the *g*-factors of the 8^+ states in ^{90}Zr and ^{92}Mo 33B (1970) 574
Nagamiya, S., see Y. Yamazaki 44B (1973) 440
Nagamiya, S., Semi-empirical analysis of magnetic moments of single-particle (or-hole) states around the ^{208}Pb core 45B (1973) 15
Nagao, M., Y. Torizuka, Electron excitation of low-lying states in ^{208}Pb 37B (1971) 383
Nagarajan, M.A., see R.C. Braley 26B (1967) 248
Nagarajan, M.A., Comments on a three body model of stripping 40B (1972) 65
Nagarajan, T., see B. Fogelberg 36B (1971) 334
Nagatani, K., Singlet deuteron (d) formation by neutron pickup for ^{9}Be + p 27B (1968) 187
Nagatani, K., First order analysis of the reaction ^{6}Li(p,pα)d 29B (1969) 468
Nagatani, K., Multi-mode transfer model for heavy ion reactions: example ^{12}C(^{14}N,d)^{24}Mg 35B (1971) 286
Nagel, H., see F. Conte 22B (1966) 702
Nagel, H., see V. Eckhardt 43B (1973) 240
Nagel, H.H., see R. Erbe 27B (1968) 54
Nagl, A., see H. Überall 44B (1973) 324
Nagl, A., H. Überall, Pion photoproduction and $T_>$ versus $T_<$ analog states in $N > Z$ nuclei 45B (1973) 99
Nagorcka, B.N., J.O. Newton, ^{16}O + ^{12}C quasimolecular states 41B (1972) 34
Nagovitzin, V., see A. Babaev 38B (1972) 342
Nagy, E., see R. Arnold 28B (1969) 56
Nagy, E., see I.A. Budagov 28B (1969) 215
Nagy, E., see G. Bozóki 28B (1969) 360; 30B (1969) 498
Nagy, E., see E.V. Anzon 31B (1970) 237, 241
Nagy, E., see V.K. Birulev 38B (1972) 452
Nagy, E., see Berlin ... collaboration 48B (1974) 257
Nagy, E., see K.F. Albrecht 48B (1974) 393
Nagy, L., see T. Czibók 29B (1969) 105
Nagy, T.A., see B.J. Bateman 36B (1971) 144
Nair, S.C.K., see L. Satpathy 26B (1967) 257, 716
Nair, S.C.K., see S.B. Khadkikar 36B (1971) 290
Nair, S.C.K., see Y. Abgrall 43B (1973) 165
Nair, S.C.K., A. Ansari, Centrifugal stretching in ^{158}Er 47B (1973) 200
Naisse, J., see Y. Goldschmidt-Clermont 27B (1968) 602
Nakada, A., see Y. Horikawa 36B (1971) 9
Nakai, K., Evidence for oblate deformation of the $9/2^-$ isometric state in ^{199}Tl 34B (1971) 269
Nakai, K., F.S. Stephens, R.M. Diamond, Quadrupole moment of the first excited state in ^{36}Ar 34B (1971) 389
Nakai, K., see Y. Yamazaki 44B (1973) 440
Nakai, K., P. Kleinheinz, J.R. Leigh, K.H. Maier, F.S. Stephens, R.M. Diamond, G. Løvhøiden, Prolate deformation in neutron-deficient lanthanum isotopes 44B (1973) 443
Nakai, N., see K. Sugimoto 25B (1967) 130
Nakajima, H., see Y. Matsumoto 39B (1972) 258
Nakamura, H., A survey of the theory of the α(d,np)α reaction 24B (1967) 509
Nakamura, H., and M. Koike 26B (1967) 288
Nakamura, K., see H. Hiramatsu 44B (1973) 50
Nakamura, N., see R. Chiba 28B (1969) 173

Nakamura, S., see M. Matoba 44B (1973) 159
Nakamura, T., see Y. Hemmi 32B (1970) 137; 43B (1973) 79
Nakanishi, T., see K. Nisimura 30B (1969) 612
Nakanishi, T., see S. Arai 40B (1972) 426
Nakayama, H., see K. Komaki 38B (1972) 218
Nakayama, Y., see S. Shimizu 25B (1967) 124
Nakel, W., Koinzidenzexperimente am Elementarprozess der Bremsstrahlungserzeugung 22B (1966) 614
Nalcioğlu, O., see A. Goswami 26B (1967) 353
Nambu, Y., *S*-matrix in semiclassical approximation 26B (1967) 626
Nambu, Y., see F. Mansouri 39B (1972) 375
Nann, H., see K.K. Seth 49B (1974) 157
Nanopoulos, D.V., see A. Love 45B (1973) 507
Napier, A., see D.B. Bastien 50B (1974) 290
Napolitano, E., see R. D'Auria 29B (1969) 285
Naqib, I.M., see C.O. Lennon 28B (1969) 253
Naqib, I.M., see B. Wakefield 31B (1970) 56
Naqib, I.M., see M.J. Throop 41B (1972) 585
Narashima Rao, B.V., see G.M. Crawley 26B (1967) 576
Narashimham, V.S., see M.R. Krishnaswamy 27B (1968) 535
Narayan, D.S., see B. Chaudhary 39B (1972) 245
Narayan, D.S., A note on the use of the new variable n^2 for elastic scattering and inclusive reactions 42B (1972) 439
Narayanaswamy, P., see H.H. Aly 28B (1969) 603
Nardi, E., Y. Boneh, E. Cheifetz, Fission saddle point calculations with the inclusion of shell effects 27B (1968) 144
Nardi, E., L.G. Moretto, S.G. Thompson, Calculations of neutron evaporation from ^{252}Cf fission fragments based on the shell model 43B (1973) 259
Narodetsky, I.M., see A.A. Belavin 26B (1968) 668
Narodetsky, I.M., Excited 0^+ level of α particle 31B (1970) 143
Narodetsky, I.M., E.S. Galpern, V.N. Lyakhovitsky, Bound states of ^{4}He 46B (1973) 51
Naroska, B., see H.G. Hilpert 27B (1968) 474
Naroska, B., see H. Meyer 33B (1970) 189
Naroska, B., see V. Heynen 34B (1971) 651
Naroska, B., see V. Eckhardt 43B (1973) 240
Naroska, B., see A. Böhm 49B (1974) 491
Nasarian, A.A., see A.A. Franghian 34B (1971) 227
Nascimente, A., see C. Defoix 43B (1973) 141
Nassalski, J., see P. Beillière 39B (1972) 671
Natali, S., see T. Eichten 27B (1968) 586; 40B (1972) 593; 46B (1973) 274, 281
Natali, S., see D. Haidt 29B (1969) 691, 696
Natali, S., see H.J. Steiner 36B (1971) 521
Natali, S., see F.J. Hasert 46B (1973) 121, 138
Natali, S., see H. Braun 47B (1973) 182, 185
Nath, P., see R. Arnowitt 27B (1968) 657
Nath, P., see M.H. Friedman 42B (1972) 361
Nath, R., see G.T. Hickey 47B (1973) 348
Nathan, O., see S. Hinds 21B (1966) 328
Nathan, O., see J.H. Bjerregaard 24B (1967) 568

Nathan, O., see R. Ballini 26B (1967) 215
Nathan, O., see O. Hansen 39B (1972) 419
Nathan, O., see C. Ellegaard 40B (1972) 641
Natowitz, J.B., J.K. Archer, Production of spontaneous fission isomers in the reactions of ^{237}Np with 30 to 70 MeV ^{4}He 30B (1969) 463
Nauenberg, M., Gauge condition and the equal time axial and vector current commutator 22B (1966) 201
Nauenberg, M., M.A. Ruderman, Anti-matter in the earth's atmosphere 22B (1966) 512
Nauenberg, M., Implications of inelastic electron scattering data for vector meson dominance 32B (1970) 383
Naumann, R.A., see R.F. Petry 21B (1966) 541
Naumann, R.A., see T. Alvager 24B (1967) 647
Naumann, R.A., see P.G. Hansen 28B (1969) 415, 596, 663
Navalet, H., see F. Hayot 37B (1971) 424
Navarria, F.L., see M. Basile 38B (1972) 117
Navarria, F.L., see P. Dalpiaz 42B (1972) 377
Navarro, A., see M. Borghini 31B (1970) 405
Navarro-Savoy, A., see C. Baglin 47B (1973) 85, 89
Navotny, V.Sh., see M.G. Antonova 39B (1972) 282, 285
Nazarenko, V.A., see V.M. Lobashov 25B (1967) 104; 30B (1969) 39
Neagu, S., see B. Bogdan 41B (1972) 221
Neal, G.F., S.T. Lam, The 6^{-} analog-antianalog states of ^{28}Si 45B (1973) 127
Neal, H.A., see G. Chikovani 25B (1967) 44
Neale, W.W., see M. Aderholz 24B (1967) 434
Nebe, J., see S. Cierjacks 29B (1969) 417
Ne'eman, Y., see N. Cabibbo 22B (1966) 336
Ne'eman, Y., see L. Horwitz 22B (1966) 699
Ne'eman, Y., see L.P. Horwitz 26B (1967) 88
Ne'eman, Y., see A. Kantorovich 30B (1969) 111
Ne'eman, Y., see R.V. Mendes 32B (1970) 696
Ne'eman, Y., see L. Gomberoff 45B (1973) 131
Neergaard, K., see S. Landowne 44B (1973) 425
Neergaard, K., P. Vogel, Coriolis interaction between octupole states in the even Dy isotopes 30B (1969) 75
Nef, C., see G. Chikovani 22B (1966) 233; 23B (1966) 157; 25B (1967) 44
Nef, C., see B. Levrat 22B (1966) 714
Nef, C., see H. Benz 28B (1969) 233
Nef, C., see R. Baud 30B (1969) 129; 31B (1970) 397, 401, 549
Nef, C., see H.R. Blieden 39B (1972) 668
Neff, N., see H.W. Taylor 24B (1967) 659
Neff, T.L., R. Savit, R. Blankenbecler, Generalized transverse momentum distributions 38B (1972) 515
Neff, T.L., Fragmentation and multiperipheral dynamics: a connection through unitarity 43B (1973) 391
Neff, T.L., Self-consistent pomeron dynamics without decoupling 45B (1973) 349
Nefkens, B.M.K., Comparison of $K_{\pi 3}$ experiments with predictions from equal-time commutators 22B (1966) 94
Nefkens, B.M.K., see H. Dibon 44B (1973) 313
Negele, J.W., see W. Bertozzi 41B (1972) 408
Negele, J.W., see J.L. Friar 46B (1973) 5
Negri, P., see R. Huson 28B (1969) 208
Neilson, G.C., see R.K. Jolly 25B (1967) 265
Neilson, G.C., see J.M. Cameron 36B (1971) 35

Neilson, H.C., see B.T. Lawergren 30B (1969) 470
Nelipa, N.F., SU(3) symmetry and the mesons photoproduction on the proton 21B (1966) 359
Nellen, B., see R. Erbe 27B (1968) 54
Nellen, B., see H.W. Atherton 43B (1973) 249
Nelson, J.E., R.B. Chaffee, O.I. Dahl, R.W. Kenney, I.R. Linscott, M. Pripstein, T.B. Risser, A. Skuja, M.A. Wahlig, Study of the reaction $\pi^- p \to \pi^0 k$ between 1.0 and 2.4 GeV/c 47B (1973) 281
Nelson, J.M., N.S. Chant, P.S. Fisher, A comparison of polarization analysing powers of two-nucleon transfer reactions leading to mirror final states 31B (1970) 445
Nelson, J.M., see K.H. Bray 35B (1971) 41
Nelson, R.O., N.R. Roberson, Evidence for two-step processes in reactions with spherical nuclei 43B (1973) 389
Nelubin, V.V., see M.M. Makarov 31B (1970) 666
Németh, J., D.W.L. Sprung, P.C. Bhargava, Binding energy of neutron star matter 24B (1967) 137
Németh, J., D. Vautherin, Study of finite nuclei in the local density approximation 32B (1970) 561
Németh, J., E. Gadioli Erba, The validity of the Thomas Fermi approximation 34B (1971) 117
Németh, J., G. Fái, The Hartree–Fock Lane potential 48B (1974) 191
Némethy, P., see S. Devons 47B (1973) 271
Neogy, P., see B. Rosner 27B (1968) 450
Neogy, P., see H.T. Fortune 36B (1971) 215
Neri, G., see J. Bailey 33B (1970) 369
Nero, A.V., see E.G. Adelberger 25B (1967) 595
Neskakis, A., see R.M. Lieder 49B (1974) 161
Nettles, P.H., see D.C. Hensley 26B (1967) 453
Netz, G., see B. Klemme 45B (1973) 38
Neubecker, K., see J. Bailey 50B (1974) 403
Neubert, W., see Yu.N. Rakivnenko 44B (1973) 462
Neudatchin, V.G., N.S. Zelenskaya, E.Zh. Magzumov, E.A. Romanovsky, Rectangle diagrams in the (p,p′), (d,d′), (t,p)–(^{3}He,p) reactions on some nuclei of p-shell and a simple method for calculating their angular distributions 27B (1968) 490
Neudatchin, V.G., see E.Zh. Magzumov 31B (1970) 106
Neudatchin, V.G., see I.V. Kurdyumov 31B (1970) 426; 40B (1972) 607
Neudatchin, V.G., V.I. Kukulin, V.L. Korotkikh, V.P. Korennoy, A microscopically substantiated local optical potential for α-α-scattering 34B (1971) 581
Neudatchin, V.G., I.T. Obukovskii, Yu.F. Smirnov, A nonrelativistic potential model with forbidden states for the nucleon-nucleon interaction at small distances 43B (1973) 13
Neuhofer, G., F. Niebergall, J. Penzias, M. Regler, K.R. Schubert, P.E. Schumacher, W. Schmidt-Parzefall, K. Winter, Transverse momentum distribution of photons produced in proton-proton collisions at the intersecting storage rings 37B (1971) 438
Neuhofer, G., F. Niebergall, J. Penzias, M. Regler, W. Schmidt-Parzefall, K.R. Schubert, P.E. Schumacher, M. Steuer, K. Winter, Single γ-ray spectra from proton-proton collisions at centre-of-mass energies from 30 to 50 GeV 38B (1972) 51
Neuhofer, G., F. Niebergall, M. Regler, H.E. Stier, K. Winter, J.J. Aubert, X. De Bouard, V. Lepeltier, L. Massonnet, H. Pessard, M. Vivargent, T.R. Willits, M. Yvert, W. Bartl, M. Steuer, A study of the reaction $K^+ p \to K^0 \Delta^{++}(1236)$ at 2.25 GeV/c 39B (1972) 271
Neuhofer, G., see M. Metcalf 40B (1972) 703
Neuhofer, G., F. Niebergall, M. Regler, H.E. Stier, K. Winter, J.J. Aubert, X. De Bouard, V. Lepeltier, L. Massonnet, H. Pessard, M. Vivargent, T.R. Willitts, M. Yvert, W. Bartl, M. Steuer, Study of the form factor in $K^0 \to \pi e \nu$ decays 41B (1972) 642

Neuhofer, G., see H. Dibon 44B (1973) 313
Neuhofer, G., see F. Niebergall 49B (1974) 103
Neumann, H.F., see V. Blobel 48B (1974) 73
Neumann, U., see P. Taras 41B (1972) 295
Neumcke, B., Production of circular polarized γ-rays by coherent bremsstrahlung of longitudinal polarized electrons 23B (1966) 382
Nève de Mévergnies, M., Effect of environment on the half-life of $^{235}U^{m}$ 26B (1967) 615
Nève de Mévergnies, M., Energy of the isomeric transition in ^{235}U 32B (1970) 482
Nève de Mévergnies, M., P. del Marmol, Effect of the oxidation state on the half-life of $^{235}U^{m}$ 49B (1974) 428
Neveu, A., J. Scherk, Electromagnetic corrections to $K \to 3\pi$ rates 27B (1968) 384
Neveu, A., see D.J. Gross 31B (1970) 592
Neveu, A., see T.H. Burnett 32B (1970) 115
Neveu, A., see E. Cremmer 33B (1970) 356
Neveu, A., J.H. Schwarz, Tachyon-free dual model with a positive-intercept trajectory 34B (1971) 517
Neveu, A., J.H. Schwarz, C.B. Thorn, Reformulation of the dual pion model 35B (1971) 529
Neveu-René, M., see J. Alitti 21B (1966) 354
Newman, E., see B.M. Preedom 22B (1966) 657
Newman, E., see B.H. Wildenthal 27B (1968) 628; 28B (1969) 108
Newmeyer, J.L., J.S. Trefil, Magnetic monopole production by virtual photons 38B (1972) 524
Newmeyer, J.L., see P.M. Fishbane 41B (1972) 153
Newson, H.W., see J.C. Browne 28B (1969) 26
Newson, H.W., see E.G. Bilpuch 35B (1971) 303
Newth, J.A., see W.G. Jones 23B (1966) 597
Newton, D., see D.R. Botterill 31B (1970) 325
Newton, J.O., see M. Evans 34B (1971) 609
Newton, J.O., see B.N. Nagorcka 41B (1972) 34
Newton, V., see E. Hadjimichael 40B (1972) 61
Nezrick, F., see R. Arnold 28B (1969) 56
Nezrick, F., see I.A. Budagov 28B (1969) 215
Nezrick, F.A., see I. Budagov 29B (1969) 524; 30B (1969) 364
Nezrick, F.A., see D.C. Cundy 31B (1970) 478
Nezrick, F.A., see K.J. Peach 35B (1971) 351
Ng, K.T., see H. Burkhardt 24B (1967) 551
Ng, P.H., see J.E. Bowcock 31B (1970) 541
Ng, W.-C., P. Vinciarelli, Light cone commutator functions and truncated Fubini-Dashen-Gell-Mann sum rules 36B (1971) 58
Ng, W.C., P. Vinciarelli, Implications of the quark-gluon light cone current algebra on neutrino scattering 39B (1972) 219
Ng, W.C., see R.A. Brandt 45B (1973) 145
Ng, W.Y., L.E.H. Trainor, S.K.M. Wong, A method of calculating rotational states using Hartree–Fock–Skyrme self consistency 33B (1970) 545
Ngo, H., see A. Boussy 44B (1973) 139
Ngo-Trong, C., D.J. Rowe, Isospin structure of the giant dipole resonance of the even isotopes of nickel; a microscopic calculation based on the equations-of-motion formalism 36B (1971) 553
Nguen, Din Ty, see O. Balea 39B (1972) 571
Nguen, Din Ty, see Alma ... collaboration 48B (1974) 277
Nguyen, H.K., see V.V. Ammosov 42B (1972) 519
Nguyen, H.K., see H. Blumenfeld 45B (1973) 525

Nguyen, H.K., see V.A. Bumazshnov 50B (1974) 283
Nguyen-Khac, N., see C. Baglin 24B (1967) 637
Nguyen-Khac, U., see C. Baglin 22B (1966) 219; 23B (1966) 286
Nguyen-Khac, U., see F. Jacquet 25B (1967) 574
Nguyen-Khac, U., see M. Haguenauer 34B (1971) 219; 37B (1971) 538
Nguyen-Khac, U., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Nguyen-Khac, U., see F.J. Hasert 46B (1973) 121, 138
Nguyen-Ngoc, H., see W. Bartel 25B (1967) 236
Nguyen-Ngoc, H., see J.E. Augustin 28B (1969) 503, 508, 517; 31B (1970) 673
Nguyen-Ngoc, H., see J.C. Bizot 32B (1970) 416
Nguyen-Ngoc, H., see B. Bouquet 41B (1972) 536
Nguyen van Giai, D. Vautherin, M. Veneroni, D.M. Brink, Coulomb energy differences in mirror nuclei in the Hartree–Fock approximation 35B (1971) 135
Nguyen Van Hieu, see A.A. Logunov 25B (1967) 611
Nicholson, J.P., P.G. Butler, N. Cohen, A.N. James, Determination of the neutron-neutron scattering length from the reaction $\pi^- + d \rightarrow 2n + \gamma$ 27B (1968) 452
Nicholson, P.J., see D.M. Binnie 27B (1968) 106; 36B (1971) 257
Nickles, R.J., see R.D. MacFarlane 34B (1971) 133
Nicodemi, F., see A. Laudiero 39B (1972) 384
Nicolaencko, V.I., see J. Derre 50B (1974) 287
Nicorovici, N., see E. Balea 46B (1973) 389
Niczyporuk, B., see A.A. Derevchekov 48B (1974) 367
Nidome, J., see K. Yagi 44B (1973) 447
Niebergall, F., see R. Brüning 21B (1966) 435
Niebergall, F., see G. Neuhofer 37B (1971) 438; 38B (1972) 51; 39B (1972) 271; 41B (1972) 642
Niebergall, F., see M. Metcalf 40B (1972) 703
Niebergall, F., see H. Dibon 44B (1973) 313
Niebergall, F., M. Regler, H.H. Stier, K. Winter, J.J. Aubert, X. De Bouard, V. Lepeltier, L. Massonnet, H. Pessard, M. Vivargent, T.R. Willetts, M. Yvert, W. Bartl, G. Neuhofer, M. Steuer, Experimental study of the $\Delta S/\Delta Q$ rule in the time-dependent rate of $K^o \rightarrow \pi e \nu$ 49B (1974) 103
Niedermayer, F., see F. Csikor 49B (1974) 47
Niedzwiediuk, K., see W.I. Furman 44B (1973) 465
Niegawa, A., see Y. Marsumoto 39B (1972) 258
Nieh, H.T., see F. Hayot 29B (1969) 689
Nieh, H.T., Size of photons 38B (1972) 100
Nieland, H.M., J.A. Tjon, Solution of Bethe-Salpeter equation with Padé approximants 27B (1968) 309
Nielsen, A., see C.J. Christensen 26B (1967) 11
Nielsen, H., see N. Hedegaard-Jensen 46B (1973) 385
Nielsen, H.B., P. Olesen, A parton view on dual amplitudes 32B (1970) 203
Nielsen, H.B., Connenction between the Regge trajectory universal slope α' and the transverse momentum distribution of partons in planar Feynman diagram model 35B (1971) 515
Nielsen, H.B., see Z. Koba 38B (1972) 25
Nielsen, H.B., P. Olesen, Semi-classical absorption model for the multiplicity moments 43B (1973) 37
Nielsen, H.B., see L. Brink 43B (1973) 319; 45B (1973) 332
Nielsen, H.B., see J. Dethlefsen 48B (1974) 48
Nielsen, H.L., see P.G. Hansen 24B (1967) 95; 28B (1969) 415, 596, 663
Nielsen, H.L., K. Bonde Nielsen, N. Rud, The E2 + M1 decay of the 2^+ beta-vibrational state in ^{178}Hf 27B (1968) 150

Nielsen, H.L., N. Rud, K. Wilsky, A pure Fermi transition in the beta decay of ^{156}Eu 30B (1969) 169
Nielsen, O.B., see P.G. Hansen 28B (1969) 415, 596, 663
Nielsen, O.B., see P. Hornshøj 34B (1971) 591; 43B (1973) 377
Nielsen, S., see P.V. Chliapnikov 39B (1972) 279
Nierhaus, R., see W.F. Baker 28B (1969) 291
Niesen, L., J. Lubbers, H. Postma, H. De Waard, S.A. Drentje, Hyperfine field at xenon nuclei in iron 24B (1967) 144
Nietzel, Ch., see K. Bätzner 39B (1972) 575
Nigam, B.P., see R.A. Buchl 46B (1973) 237
Nigmanov, T.S., see A.A. Derevchekov 48B (1974) 367
Nigro, A., see B. Bartoli 36B (1971) 593, 598
Nigro, M., see P. Gorenstein 23B (1966) 394
Nigro, M., see F. Ceradini 42B (1972) 501; 43B (1973) 341
Nihoul-Boutang, G., see C. Baglin 22B (1966) 219; 24B (1967) 637
Niidome, J., see M. Matoba 45B (1973) 463
Nikitin, A.M., see A.A. Vorobiev 30B (1969) 332
Nikitin, A.M., see A.A. Vorobyov 40B (1972) 102
Nikitin, V.A., see G.G. Beznogikh 30B (1969) 274; 39B (1972) 411; 43B (1973) 85
Nikolaev, K.N., see B.L. Birbrair 32B (1970) 672
Nikolaev, N.N., L.B. Okun, Possible experiments on search for mirror K^0 mesons 27B (1968) 226
Nikolaev, N.N., $K_L \to 2\mu$ decay and possible existence of new neutral K-mesons 39B (1972) 263
Nikolenko, V.G., see V.P. Alfimenkov 24B (1967) 151
Nikolić, M., see I. Budagov 29B (1969) 524; 30B (1969) 364
Nikol'sky, B.A., see I.I. Gurevich 29B (1969) 387
Niller, A., see R.K. Walter 30B (1969) 626
Nilsson, B., see P. Möller 26B (1967) 418; 31B (1970) 171
Nilsson, B., see R.A. Broglia 36B (1971) 541; 37B (1971) 441; 38B (1972) 383
Nilsson, B., see R.F. Casten 40B (1972) 333
Nilsson, B., see D.R. Bès 40B (1972) 338
Nilsson, B., see T. Erikson 46B (1973) 173
Nilsson, B., R.A. Broglia, S. Landowne, R. Liotta, A. Winther, Probing nuclear surfaces by heavy ion reactions 47B (1973) 189
Nilsson, B.S., see R.A. Broglia 50B (1974) 213
Nilsson, L., J. Eriksson, Isospin effects in fast neutron radiative capture 49B (1974) 165
Nilsson, Ö., see S.E. Karlsson 24B (1967) 148
Nilsson, S.G., S.G. Thompson, C.F. Tsang, Stability of superheavy nuclei and their possible occurrence in nature 28B (1969) 458
Nilsson, S.G., see P. Möller 30B (1969) 223; 31B (1970) 283; 40B (1972) 329
Nilsson, S.G., G. Ohlén, C. Gustafsson, P. Möller, On a new type of fission-isomeric state 30B (1969) 437
Nilsson, S.G., see C. Gustafsson 34B (1971) 349
Nilsson, S.G., see S.E. Larsson 38B (1972) 269; 47B (1973) 422
Nilsson, S.G., see R. Boleu 40B (1972) 517
Nilsson, S.G., see R.K. Sheline 41B (1972) 115
Nilsson, S.G., see F.S. Stephens 44B (1973) 429
Ninomiya, S., see I. Endo 47B (1973) 469
Nir-El, Y., see J. Chaumont 29B (1969) 652
Nisar, T., see R.A. Donald 22B (1966) 711; 25B (1967) 448; 27B (1968) 58
Nishiyama, K., see N. Bräuer 37B (1971) 186

Nishiyama, K., see D. Riegel 44B (1973) 456; 46B (1973) 170
Nisimura, K., T. Hasegawa, T. Saito, E. Takasaki, N. Horikawa, T. Nakanishi, M. Saito, S. Sugimoto, T. Yamaki, H. Ueno, Measurement of the spin correlation parameters A_{xx} and A_{yy} for proton-proton scattering at 47.5 MeV 30B (1969) 612
Nisimura, K., see D. Garreta 31B (1970) 363
Nissimov, H., On the application of the Lanczos algorithm for the matrix eigen-problem to other than nuclear shell model calculations 46B (1973) 1
Nissimow, H., see A. Mann 30B (1969) 133
Nissim-Sabat, C., see R.D. Ehrlich 23B (1966) 468
Nistler, W., see W. Dilg 36B (1971) 208
Nitschke, J.M., see B.L. Tracy 34B (1971) 277
Nitu, R., see B. Bogdan 41B (1972) 221
Nitu, R., see Barcelona ... collaboration 48B (1974) 467
Nix, J.R., Predicted properties of the fission of super-heavy nuclei 30B (1969) 1
Nixon, G.D., see E.J. Moniz 30B (1969) 393
Noble, C.J., K.C. Richards, The two nucleon interaction and the Cohen approximation 45B (1973) 315
Noble, C.J., K.C. Richards, Spinor-spinor Bethe-Salpeter equation in the Cohen approximation 47B (1973) 319
Noble, J.V., Possibility of a large $T = 2$ component in the ground state of ^{26}Mg 27B (1968) 361
Noble, J.V., Do three α-particles make a ^{12}C? 31B (1970) 253
Noble, J.V., see R.D. Amado 35B (1971) 25
Noble, J.V., The giant monopole state: isospin mixing in nuclear ground states 35B (1971) 140
Noble, J.V., Eikonal approximation for forward and backward scattering 40B (1972) 525
Noble, J.V., see J.M. Eisenberg 43B (1973) 20; 45B (1973) 93
Noble, J.V., Is there a discrepancy in isodoublet Coulomb displacement energies 47B (1973) 99
Noble, J.V., H.J. Weber, On proton-deuteron backward elastic scattering at medium energies 50B (1974) 233
Nodulman, L.J., see R.M. Brown 42B (1972) 117
Noé, J.W., see R.W. Zurmühle 44B (1973) 453
Nof, A., see R. Moreh 36B (1971) 71
Noga, M., C. Cronström, Dynamical model leading to linearly rising Regge trajectories 29B (1969) 442
Nogami, Y., see E. Satoh 32B (1970) 243
Noirot, Y., M. Rimpault, Y. Saillard, Regge-pole analysis of backward peaks in elastic pion-proton scattering 26B (1967) 454
Nolen Jr., J.A., C.M. Glashausser, M.E. Rickey, J-dependence in the (p,α) reaction 21B (1966) 705
Nolen Jr., J.A., J.P. Schiffer, N. Williams, The neutron radius of ^{208}Pb 27B (1968) 1
Nolen Jr., J.A., J.P. Schiffer, Coulomb energies - an anomaly in nuclear matter radii 29B (1969) 396
Nolen Jr., J.A., see J.P. Schiffer 29B (1969) 399
Nolte, E., W. Kutschera, Y. Shida, H. Morinaga; Neutron deficient even-even isotopes of Kr, Se, Ge and pseudo SU_3 coupling 33B (1970) 294
Nomofilov, A.A., I.M. Sitnik, L.A. Slepets, L.N. Strunov, L.S. Zolin, Measurement of the real part of π^-p elastic scattering amplitude in the coulomb interference region at 3.5 GeV/c 22B (1966) 350
Nomokonov, P.V., see G.G. Beznogikh 30B (1969) 274, 39B (1972) 411
Nomura, M., Relations among magnetic moments and M1 rates in single-closed-shell nuclei 40B (1972) 522
Nomura, T., see S. Nagamiya 33B (1970) 574
Nomura, T., K. Hiruta, T. Inamura, M. Odera, In-beam alpha spectroscopy of $N = 128$ isotopes. Lifetimes of ^{216}Ra and a new isotope ^{217}Ac 40B (1972) 543
Nomura, T., see Y. Yamazaki 44B (1973) 440
Nomura, T., see K. Hiruta 45B (1973) 244

Nonaka, I., see M. Koike 26B (1967) 288
Nonaka, I., see T. Suehiro 33B (1970) 468
Noothoven Van Goor, J.M., Erratum 22B (1966) 719
Nordberg Jr., M.E., F. Lobkowicz, R.L. Burman, Remeasurement of the π^+ lifetime 24B (1967) 594
Nordbø, K., see M. Haguenauer 34B (1971) 219
Norem, J.H., see P.S.L. Booth 38B (1972) 339
Norem, J.H., see J.S. Barton 42B (1972) 297
Nörenberg, W., On the existence and consequences of a scission barrier for heavy fissioning nuclei 31B (1970) 621
Nörenberg, W., see J.P. Bondorf 44B (1973) 487
Nörenberg, W., see H.G. Bohlen 49B (1974) 227
Normand, J.M., see B. Antoine 44B (1973) 55
Norton, P.R., see D.R. Botterill 45B (1973) 405; 46B (1973) 125
Norton, P.R., see A. Del Guerra 45B (1973) 409; 50B (1974) 487
Notz, D., see H. Meyer 33B (1970) 189
Notz, D., see V. Heynen 34B (1971) 651
Notz, D., see V. Eckhardt 43B (1973) 240
Novak, M., see Berlin ... collaboration 48B (1974) 257
Novak, M., see K.F. Albrecht 48B (1974) 393
Novatskii, B.G., see V.I. Chuev 31B (1970) 624; 42B (1972) 63
Novey, T.B., see I. Budagov 29B (1969) 524; 30B (1969) 364
Novey, T.B., see B.A. Barnett 34B (1971) 655
Novikov, L.S., see V.V. Barmin 46B (1973) 465; 47B (1973) 463
Novikov, Yu.N., see E.Ye. Berlovich 29B (1969) 155
Novitsky, V.V., see M.I. Bulgakov 42B (1972) 351
Nowak, G., see E.V. Anzon 31B (1970) 237, 241
Nowak, G., see M.G. Antonova 39B (1972) 282, 285
Nowak, G., see J. Babecki 40B (1973) 268; 47B (1973) 268
Nowak, H., see J.V. Beaupré 37B (1971) 432
Nowak, S., see M. Deutschmann 22B (1966) 112
Nowak, S., see J. Bartsch 22B (1966) 357; 25B (1967) 48; 27B (1968) 336
Nowak, S., see F. Crijns 22B (1966) 533
Nowak, S., see M. Aderholz 27B (1968) 174
Nowak, S., see Berlin ... collaboration 48B (1974) 257
Nowak, S., see Aachen ... Collaboration 49B (1974) 388
Nowak, W.D., see J. Bartsch 33B (1970) 186
Nowak, W.D., see J.V. Beaupré 41B (1972) 393
Nowak, W.D., see Aachen ... collaboration 49B (1974) 388
Nowicki, G., see G.W. Schweimer 39B (1972) 627
Nowik, I., see E.R. Bauminger 30B (1969) 531
Nozik, V., see A. Babaev 38B (1972) 342
Nuh, F.M., see D.R. Slaughter 38B (1972) 22
Nunberg, P., D. Prosperi, E. Pace, Trinucleon properties with Riihimaki potential 40B (1972) 529
Nurmia, J., see T. Sikkeland 24B (1967) 333
Nurmia, M., T. Sikkeland, R. Silva, A. Ghiorso, Spontaneous fission of light fermium isotopes; new nuclides ^{244}Fm and ^{245}Fm 26B (1967) 78
Nurmia, M., see A. Ghiorso 32B (1970) 95
Nurushev, S., see C. Bruneton 44B (1973) 471

Nurushev, S.B., see G.G. Beznogikh 30B (1969) 274
Nurushev, S.B., see A.A. Derevshchikov 47B (1973) 473
Nurushev, S.B., see A.A. Derevchekov 48B (1974) 367
Nurzyński, J., see K.H. Bray 21B (1966) 536
Nussbaum, M.M., see A.M. Cnops 29B (1969) 45
Nussinov, S., see D. Branson 25B (1967) 141
Nussinov, S., see L. Brink 37B (1971) 192
Nussinov, S., see A. Casher 44B (1973) 511
Nussinov, S., see U. Maor 46B (1973) 99
Nutbrown, D.A., see S.P. De Alwis 29B (1969) 362
Nuttall, J., Padé approximants and bounds on the Bethe-Salpeter amplitude 23B (1966) 492
Nygren, D., see S. Bennett 27B (1968) 239, 244, 248; 29B (1969) 317
Nygren, D., see J. Marx 32B (1970) 219
Nygren, D., see A. Scribano 32B (1970) 224
Nyman, B., see A. Johansson 26B (1967) 83
Nyman, E.M., Model-independent contribution in proton-proton bremsstrahlung 25B (1967) 135
Nyman, E.M., Soft photons in potential scattering 40B (1972) 323
Nyqvist, H., see C. Ekström 26B (1967) 146
Nystén, K.-E., see F.J. Lynch 32B (1970) 38

Oades, G.C., see A.T. Lea 23B (1966) 380; 29B (1969) 584
Oades, G.C., see F.A. Berends 26B (1967) 109
Oades, G.C., see B.J. Charles 40B (1972) 289
Oades, G.C., see N. Hedegaard-Jensen 46B (1973) 70
Oakes, R.J., Regge poles and the scattering of unequal mass particles 24B (1967) 154
Oakes, R.J., see P. McNamee 24B (1967) 629
Oakes, R.J., see T. Kinoshita 25B (1967) 143
Oakes, R.J., SU(2) × SU(2) breaking and the Cabibbo angle 29B (1969) 683
Oakes, R.J., SU(2) × SU(2) symmetry breaking and $\eta \to 3\pi$ 30B (1969) 262
Oakes, R.J., Erratum 31B (1970) 620
Oakey, N.S., R.D. MacFarlane, Fine structure in the alpha decay of thermal neutron capture states of ^{150}Sm 24B (1967) 142
Oakey, N.S., R.D. MacFarlane, The (n, $\gamma\alpha$) reaction induced by thermal neutrons 26B (1968) 662
Oakey, N.S., see R.D. MacFarlane 34B (1971) 133
Oberlack, H., see R. Armenteros 28B (1969) 521
Oberlack, H., see R.G. Moorhouse 43B (1973) 44
Oberlechner, G., J. Richert, Shell model calculations in ^{56}Ni and ^{54}Fe 34B (1971) 174
Obinyakov, B.A., see B.G. Erozolimsky 27B (1968) 557; 33B (1970) 351
Obložinský, P., see I. Ribanský 45B (1973) 318
O'Brien, D.D., see M.J. Longo 36B (1971) 560
Obryk, E., see L.A. Copley 29B (1969) 117
Obst, E., F. Rauch, E. Rössle, Possible indication of the spin-flip giant resonance in the reaction ^{89}Y(p, γ_0)^{90}Zr 21B (1966) 50
Obukovskii, I.T., see V.G. Neudatchin 43B (1973) 13
Ochs, W., see D. Scotter 26B (1967) 474
Ochs, W., see G. Grayer 35B (1971) 610; 39B (1972) 563
Ochs, W., F. Wagner, On the strength of absorption in single pion production reactions 44B (1973) 271
O'Connell, J.S., see J.M. Knight 22B (1966) 322; 23B (1966) 491
O'Connell, J.S., F. Prats, Photodisintegration of the trinucleon system in a separable potential model 26B (1967) 197
O'Connell, J.S., Electron scattering sum rule for ^{2}H, ^{3}H, ^{3}He and ^{4}He 32B (1970) 323
O'Connell, J.S., see B.F. Gibson 32B (1970) 331
O'Connell, J.S., see L.C. Maximon 48B (1974) 399
O'Connell, W.J., see J.L. Black 25B (1967) 405
Odera, M., see T. Nomura 40B (1972) 543
Odera, M., see K. Hiruta 45B (1973) 244
Odian, A., see G.P. Lawrence 28B (1969) 619
Odorico, R., see P. Di Vecchia 27B (1968) 296, 521
Odorico, R., A. Garcia, C.A. Garcia-Canal, Simple s helicity structure at the nucleon–nucleon vertex of the Pomeron and meson exchanges: experimental evidence and connections with duality 32B (1970) 375
Odorico, R., A novel interpretation of the hole structure in $\bar{p}n \to \pi^-\pi^-\pi^+$ 33B (1970) 489
Odorico, R., Evidence for Veneziano dips in K^-p scattering 34B (1971) 65
Odorico, R., see C. Michael 34B (1971) 422
Odorico, R., Derivation of SU3 couplings, canonical mixing-angles and absence of exotics for mesons from the assumption of straight-line behaviour of amplitude zeros 38B (1972) 37

Odorico, R., About the anomaly at 980 MeV in the $\pi^+\pi^-$ system 38B (1972) 411
Odorico, R., Prediction, supported by data, of a qualitative breaking of SU3 for baryon resonance decay rates 41B (1972) 339
O'Dwyer, T.F., M. Kawai, G.E. Brown, Calculation of the optical-model potential for neutron scattering by ^{58}Ni in a particle-vibration coupling picture 41B (1972) 259
Oehme, R., Saturation of the SU(3) algebra of current densities 21B (1966) 567
Oehme, R., Electromagnetic form factors from the locality of current densities 22B (1966) 206
Oehme, R., see V.A. Alessandrini 27B (1968) 456
Oehme, R., The problem of dips in Regge pole amplitudes 28B (1969) 122
Oehme, R., Regge trajectories with left-hand branch lines 30B (1969) 414
Oehme, R., Complex Pomeranchuk trajectories 31B (1970) 573
Oehme, R., Second class currents and broken SU(3)-symmetry 38B (1972) 532
Oehme, R., Broken algebra of currents and the Cabibbo angle 40B (1972) 491
Oehme, R., Broken collinear SU(6) symmetries and the suppresion of $|\Delta S| = 1$ amplitudes 44B (1973) 468
Oehme, R., Triple pomeron vertex and complex pomeron trajectories 45B (1973) 279
Oeschler, H., see H. Fuchs 37B (1971) 285
O'Fallon, J.R., see L.W. Jones 27B (1968) 328
Ofer, S., see U. Atzmony 26B (1967) 81, 613
Ofer, S., see J. Gal 27B (1968) 552; 41B (1972) 53
Ofer, S., see E.R. Bauminger 30B (1969) 531; 32B (1970) 678
Ofer, S., see H. Armon 43B (1973) 380
Ogata, H., see W. Makofske 25B (1967) 322
Ogata, H., Y. Akiyama, Phonon model description of spherical nuclei 29B (1969) 558
Ogata, H., see T. Suehiro 33B (1970) 468
Ogata, H., J. Asai, Electron wave functions at the nuclear surface 48B (1974) 91
Ogawa, K., Shell model for rotation-like spectra of Sr isotopes 45B (1973) 214
Ogawa, K., see S. Kubono 49B (1974) 37
Ogawa, M., see H. Taketani 26B (1968) 660; 27B (1968) 222, 499; 28B (1969) 37
Ogaza, S., see B. Skaali 40B (1972) 446
Ogievetsky, V.I., Algebraic realization of unitary symmetry 33B (1970) 227
Ogievetsky, V.I., W. Tybor, A.N. Zaslavsky, $X^0(960)$-meson-2^- or 0^-? 35B (1971) 69
Ogloblin, A.A., see V.I. Chuev 42B (1972) 63
Ogloblin, S.G., see L.K. Peker 36B (1971) 547
Ogren, H., see B. Bartoli 36B (1971) 593, 598
Ogrzevalski, Z.I., see V.V. Barmin 33B (1970) 377
Ogurtzov, V.V., see I.I. Gurevich 31B (1970) 394; 38B (1972) 549
Oh, B.Y., W.D. Walker, Momentum transfer spectrum in diffraction 28B (1969) 564
Oh, B.Y., see Z. Ming Ma 47B (1973) 177
Oh, Y.T., S.Y. Fung, A. Kernan, R.T. Poe, T.L. Schalk, B.C. Shen, Spin-parity and helicity of diffractively produced N* 42B (1972) 497
Ohapkin, V.S., see I.I. Gurevich 38B (1972) 549
Ohishi, N., see A. Ikeda 44B (1973) 397
Ohlén, G., see S.G. Nilsson 30B (1969) 437
Ohlsen, G.G., V.S. Starkovich, W.G. Simon, E.M. Bernstein, Absolute deuteron-polarization measurement 28B (1969) 404
Ohlsen, G.G., see G.P. Lawrence 28B (1969) 594
Ohlsen, G.G., V.S. Starkovich, W.G. Simon, E.M. Bernstein, Erratum 29B (1969) 307

Ohlsen, G.G., see G.C. Salzman 45B (1973) 123
Ohlsen, G.G., see J.J. Jarmer 48B (1974) 215
Ohlssen, H., see K.A. Hagemann 28B (1969) 661; 29B (1969) 307
Ohmura, T., see M. Ichimura 30B (1969) 143
Ohnuki, Y., M. Yamada, S. Kamefuchi, A comment on the Kademova-Kraev method of field quantization 36B (1971) 51
Ohnuma, H., see S. Kubono 49B (1974) 37
Ohnishi, T., Temperature-dependent spontaneous fission rate and upper mass limit of stellar nucleosynthesis 47B (1973) 227
Ohshima, T., see S. Arai 40B (1972) 426
Ohtsubo, H., Muon capture in oxygen 16 and the possible existence of the induced tensor interaction 22B (1966) 480
Ohtsubo, H., see M. Kawaguchi 27B (1968) 358
Ohtsubo, H., J.I. Fujita, G. Takeda, Low-energy theorem for exchange axial-vector currents 32B (1970) 82
Okamoto, K., B. Davies, Note on the existence of the trineutron 24B (1967) 18
Okamoto, K., C. Lucas, Coulomb energy of ^{3}He and local and non-local potentials in the three-nucleon system 26B (1967) 188
Okamoto, K., C. Pask, Charge asymmetric potentials and the three-nucleon system 36B (1971) 317
Okamoto, K., M. Horiike, Exchange magnetic moment form factor of the three-nucleon system 44B (1973) 29
Okhrimenko, L.S., see Z.S. Strugalski 29B (1969) 518, 532
Okhrimenko, L.S., see V.V. Barmin 33B (1970) 377
Okubo, S., see Jong-Ping Hsu 24B (1967) 179
Okubo, S., see M. Bace 38B (1972) 429
Okubo, S., see D.N. Levin 42B (1972) 233
Okumura, Y., see Y. Matsumoto 39B (1972) 258
Okun, L.B., On isotopic invariance of *CP*-noninvariant electromagnetic vertices 23B (1966) 595
Okun, L.B., see I.B. Khriplovich 24B (1967) 672
Okun, L.B., see I.Yu. Kobsarev 27B (1968) 172; 50B (1974) 340
Okun, L.B., see N.N. Nikolaev 27B (1968) 226
Okun, L.B., see V.N. Gribov 32B (1970) 129, 724
Okun, L.B., see A.D. Dolgov 37B (1971) 298; 46B (1973) 70; 47B (1973) 258; 49B (1974) 455
Okun, L.B., see E.B. Bogomolny 38B (1972) 45
Okuno, H., see Y. Hemmi 32B (1970) 137
Olesen, P., see B. Lautrup 22B (1966) 342
Olesen, P., J.S. Rao, The parity-violating internucleon potential and the field-current identity 29B (1969) 233
Olesen, P., see V.S. Mathur 29B (1969) 514
Olesen, P., see H.B. Nielsen 32B (1970) 203; 43B (1973) 37
Olesen, P., see Z. Koba 38B (1972) 25
Olesen, P., The 200 GeV multiplicity distribution and scaling 41B (1972) 602
Olesen, P., A dual quark prison 50B (1974) 255
Olesen, P., H.C. Tze, Dual strings in the Amati-Testa quarks imprisonment scheme 50B (1974) 482
Olesen, J.R., Y.K. Lee, J.C. Walker, J.W. Wiggins, Observation of the Mössbauer effect in ^{238}U following Coulomb excitation 25B (1967) 258
Ølgaard-Nielsen, S., see B. Alper 47B (1973) 75

Olin, A., see O. Häusser 45B (1973) 247
Olive, D., J. Scherk, No-ghost theoron for the Pomeron sector of the dual model 44B (1973) 296
Olive, D., see V. Alessandrini 32B (1970) 285
Olive, D.I., W.J. Zakrzewski, A Veneziano amplitude for four spinning pions 30B (1969) 650
Oliver, D., see L. Brink 45B (1973) 379
Olivier, J.C., see M. Borghini 21B (1966) 114; 24B (1967) 77; 31B (1970) 405; 36B (1971) 493, 497, 501
Olness, J.W., see G.A.P. Engelbertink 33B (1970) 353
Olsen, D.K., W.R. Phillips, A.R. Barnett, Static and dynamic quadrupole moments of the first excited states of ^{20,22}Ne 39B (1972) 201
Olsen, D.K., see T. Udagawa 46B (1973) 285
Olsen, J.M., see C. Baglin 23B (1966) 286
Olsen, J.M., see F. Jacquet 25B (1967) 574
Olsen, J.M., see M. Haguenauer 34B (1971) 219; 37B (1971) 538
Olsen, W.C., see P.J. Twin 29B (1969) 570
Olshansky, R., Pham Xuan Yem, Effective SU(2) × SU(2) symmetry violations generated by electromagnetic and weak interactions 41B (1972) 192
Olsson, M.G., see D. Cline 25B (1967) 41
Olsson, M.G., On the decoupling of a second rho in forward πN scattering 26B (1967) 310
Omelaenko, A.S., see V.M. Khvastunov 28B (1969) 119
Omnès, R., see S. Caser 39B (1972) 369
O'Neall, J., see C. Defoix 43B (1973) 141
Oneda, S., S. Matsuda, Asymptotic SU(3) symmetry, generalized boson nonet couplings and the ninth pseudoscalar meson 37B (1971) 105
Oneda, S., see T. Laankan 46B (1973) 77
O'Neill, G.K., see R. Cester 21B (1966) 343
O'Neill, L.H., see W.L. Lakin 31B (1970) 677
Onishi, N., R.K. Sheline, A new collective mode caused by the light momentum transfer part of the nuclear force 29B (1969) 402
Onuchin, A.P., see V.E. Balakin 37B (1971) 435; 41B (1972) 205
Onuchin, A.P., see L.M. Kurdadze 42B (1972) 515
Oostens, J., P. Chavanon, M. Crozon, J. Tocqueville, Production of isospin 1 resonances in the reaction P + P = D + (missing mass) 22B (1966) 708
Oostens, J., see S. Prünster 28B (1969) 47
Oostrijk, L.J., see P.K.A. De Witt Huberts 32B (1970) 599
Oothoudt, M., N.M. Hintz, P. Vedelsby, A pairing phase transition in the Yb isotopes 32B (1970) 270
Opara, U., see P. Feller 49B (1974) 197
Op den Kamp, A.M.F., J. Kopecky, F. Stecher-Rasmussen, K. Abrahams, P.M. Endt, Interference of the two spin components of the capture state in the (n, γ) reaction 39B (1972) 204
Ophel, T.R., S.D. Cloud, Ph. Martin, J.M. Morris, A 6$^+$ level in ^{16}O 32B (1970) 101
Oppelstrup, J., see S.A. Hjorth 34B (1971) 255
Oppenheimer, F., see D. Huwe 24B (1967) 252
Oratovsky, Yu.A., see M.I. Bulgakov 42B (1972) 351
Orbesen, S., see R.F. Casten 43B (1973) 473
Orear, J., D.P. Owen, F.C. Peterson, A.L. Read, D.G. Ryan, D.H. White, A. Ashmore, C.J. Damerell, W.R. Frisken, R. Rubinstein, Elastic scattering of π^-, K$^-$ and $\bar{p}$ from protons at 9.8 and 13.6 GeV/*c* 28B (1969) 61

Orear, J., see J.P. Boright 33B (1970) 615
Orenstein, S., see V.V. Ammosov 42B (1972) 519
Orito, S., see M. Holder 35B (1971) 355, 361; 36B (1971) 400; 40B (1972) 141
Orito, S., see G. Barbiellini 39B (1972) 294, 663; 43B (1973) 529
Orito, S., R. Visentin, F. Ceradini, M. Conversi, S. d'Angelo, L. Paoluzi, R. Santonico, A search for heavy leptons with e^+e^- colliding beams 48B (1974) 165
Orito, S., M.L. Ferrer, L. Paoluzi, R. Santonico, Two-photon annihilation into pion pair 48B (1974) 380
Orkin-Lecourtois, A., see F.J. Hasert 46B (1973) 138
Orlova, G.I., see M.G. Antonova 39B (1972) 282, 285
Orsitto, F., see D.R. Botterill 46B (1973) 125
Orsitto, F., see K.I. Konishi 48B (1974) 457
Oryu, S., see J. Sanada 40B (1972) 546
Orzalesi, C.A., see R.A. Brandt 34B (1971) 641
Orzalesi, C.A., Space-time picture of pole dominance at high energy 38B (1972) 538
Orzalesi, C.A., Renormalized eikonal perturbation theory for massive quantum electrodynamics 49B (1974) 451
Osadchiev, V.M., see M.A. Mikulinsky 21B (1966) 312
Osadchiev, V.M., M.A. Troitski, Spectra of odd nuclei 26B (1967) 421
Osadchiev, V.M., M.A. Troitski, Change of the density matrix from addition of a large number of particles to a nucleus 29B (1969) 207
Osborn, H., see J. Ellis 31B (1970) 580; 33B (1970) 540
Osborn, H., see F.E. Close 34B (1971) 400
Osborn, T., see J.S.C. McKee 28B (1969) 7
Osborn, T.A., see J.W. Humberston 27B (1968) 195
Osborne, L.S., see V.B. Elings 22B (1966) 239
Osborne, L.S., see J. Foss 25B (1967) 166
Osculati, B., see F.J. Hasert 46B (1973) 138
Osman, A., Extension of the Faddeev equations to complex angular momentum 31B (1970) 506
Osman, A., Three-body model for ^{6}Li induced reactions 34B (1971) 478
Osman, A., Alpha-^{8}Be asymptotic wave function as three-α particle scattering 37B (1971) 135
Osman, A., see M. El-Nadi 39B (1972) 156
Osmon, P.E., see E.H. Bellamy 39B (1972) 299
Osmon, P.E., see N.H. Lipman 43B (1973) 89
Osmon, P.E., see M.R. Jane 48B (1974) 260, 265
Osnes, E., Effective three-body interactions in Ca-isotopes 26B (1967) 274
Osnes, E., C.S. Warke, On the renormalization of the effective two-nucleon interaction by core-polarization processes 30B (1969) 306
Osnes, E., T.T.S. Kuo, C.S. Warke, Core-renormalization of the pf-shell effective interaction for an RPA-description of the core 34B (1971) 113
Osnes, E., see C. Ellegaard 40B (1972) 641
Osnes, E., see P.J. Ellis 41B (1972) 97; 42B (1972) 335; 45B (1973) 425; 49B (1974) 23
Osnes, E., see E.M. Krenciglowa 47B (1973) 322
Osnes, E., T.T.S. Kuo, The $T = 1$ to $T = 0$ splitting of the $f_{7/2}d_{3/2}^{-1}$ particle-hole multiplet 47B (1973) 430
Osokina, R.M., E.L. Yadrowski, On the nature of the photoproton spectra 40B (1972) 161
Ososkov, G.A., see M.N. Khachaturyan 24B (1967) 349
Østgaard, E., Neutron star matter. Phase transition to a neutron solid? 47B (1973) 303

O'Sullivan, D., E.J. Kobetich, E.K. Shirk, P.B. Price, Resolution of high energy extremely heavy cosmic rays in plastic detectors 34B (1971) 49
Otis, J.N., see W.L. Lakin 31B (1970) 677
Otsinowski, S., see M. Bardadin-Otwinowska 21B (1966) 351
Ott, R.J., J. Trischuk, J. Va'vra, T.J. Richards, L.S. Schroeder, π^--p backward elastic scattering between 1.28 and 3.0 GeV/c 42B (1972) 133
Ott, R.L., see M. Alston-Garnjost 33B (1970) 607; 34B (1971) 156
Ott, R.L., see S.U. Chung 47B (1973) 526
Ottaviani, P.L., M. Savoia, J. Sawicki, The 0^+ states of even tin isotopes and the four-quasi-particle Tamm-Dancoff approximation 24B (1967) 353
Ottaviani, P.L., see M. Marangoni 49B (1974) 253
Otten, E.W., see H.J. Besch 25B (1967) 120; 26B (1967) 721; 28B (1969) 422
Otten, E.W., see F. Ackermann 26B (1967) 367
Otten, E.W., see J. Bonn 36B (1971) 41; 38B (1972) 308
Otter, G., see W. Kittel 21B (1966) 349; 22B (1966) 115, 240
Otter, G., see J. Bartsch 22B (1966) 357; 27B (1968) 336; 28B (1969) 439; 33B (1970) 186
Otter, G., see M. Aderholz 24B (1967) 434
Otter, G., see J.V. Beaupré 34B (1971) 160; 40B (1972) 510
Otter, G., see M.J. Counihan 37B (1971) 81
Otter, G., see J.R. Fry 41B (1972) 539
Otter, G., see Aachen...collaboration 49B (1974) 388
Otterlund, I., see Barcelona...collaboration 48B (1974) 467
Otto, G., see R. Mehnert 25B (1967) 412
Otwinowski, S., see M. Bardadin-Otwinsowska 21B (1966) 357
Otwinowski, S., see S. Brandt 22B (1966) 230
Otwinowski, S., Observation of D^0 meson in reaction $\pi^+p \to p\pi^+\pi^+\pi^+\pi^-\pi^-\pi^0$ at 8 GeV/c 29B (1969) 529
Otwinowski, S., see K. Boesebeck 34B (1971) 659
Otwinowski, S., see J.V. Beaupré 37B (1971) 432
Otwinowski, S., see O. Balea 39B (1972) 571
Otwinowski, S., see V.A. Bumazshnov 50B (1974) 283
Otwinowski, S., see J. Derre 50B (1974) 287
Oudet, J., see K. Böckmann 28B (1969) 72
Ouellette, R.J., see K.S.R. Sastry 26B (1967) 207
Outlaw, D.A., see T.G. Dzubay 33B (1970) 302
Owen, A.A., see K.D. Billing 25B (1967) 435
Owen, A.A., see F.W. Bullock 27B (1968) 402
Owen, D.A., The muonium energy levels for $n = 2$ 44B (1973) 199
Owen, D.A., see R.C. Barrett 47B (1973) 297
Owen, D.G., B.M. Spicer, The 29.5 MeV dipole state of ^{12}C 30B (1969) 242
Owen, D.P., see J. Orear 28B (1969) 61
Owen, D.P., see J.P. Boright 33B (1970) 615
Owen, D.P., see M.R. Jane 48B (1974) 260, 265
Owen, L.W., see W.G. Love 29B (1969) 478; 37B (1971) 463
Owens, R.O., see S.N. Gardiner 46B (1973) 186
Owens, R.O., see G. Ticcioni 46B (1973) 369
Owens, W.R., see S. Jha 25B (1967) 115
Owens, W.R., see R.M. Wilenrick 30B (1969) 167
Owinowski, S., see S. Brandt 22B (1966) 109
Ozawa, K., see M. Maruyama 29B (1969) 414

Paans, A.M.J., see L.W. Put 35B (1971) 311; 49B (1974) 266
Paar, V., see R.A. Broglia 36B (1971) 541; 37B (1971) 159, 257; 38B (1972) 480
Paar, V., ^{69}Ga in the Alaga model 39B (1972) 466
Paar, V., The solution of the "$I = j - 1$" anomaly for ^{107,109}Ag in the Alaga model 39B (1972) 587
Paar, V., On single-particle fragments in ^{205}Hg 39B (1972) 591
Paar, V., Competition between three valence-shell neutrons and the quadrupole vibration in ^{57}Fe 42B (1972) 8
Paar, V., see G. Alaga 43B (1973) 459
Paar, V., see S. De Baros 49B (1974) 113
Pace, E., see P. Nunberg 40B (1972) 529
Paciello, M.L., A. Pugliese, A Regge pole analysis of ρ-decay angular distribution and production in $\pi^- + \rho \to \rho^- + p$ 24B (1967) 431
Paciello, M.L., see A. Bietti 26B (1967) 457, 736
Paciello, M.L., see P. Di Vecchia 26B (1967) 530; 27B (1968) 296
Padjen, R., G. Ripka, Two-particle two-hole admixtures in 2s-1d shell nuclei 29B (1969) 548
Paetz gen. Schieck, H., C. Petitjean, H.R. Striebel, P. Huber, The D(d, n) ^{3}He and D(d, p) ^{3}H reactions with polarized deuterons at $\bar{E}_D$ = 460 keV 22B (1966) 191
Paetz gen. Schieck, H., C. Petitjean, H.R. Striebel, P. Huber, Erratum 22B (1966) 719
Pagels, H.R., Regge analysis of electroproduction and photoproduction 34B (1971) 299
Paić, G., see B. Antolkovic 23B (1966) 477
Paić, G., see R.M. De Vries 32B (1970) 193
Paić, G., J.C. Yong, D.J. Margaziotis, A modified impulse approximation calculation of the N - N quasi-free scattering and the Chew-Low extrapolation in the D(p, NN)N reaction 32B (1970) 437
Paige, F.E., see M.-S. Chen 38B (1972) 249
Pais, A., S.B. Treiman, Electron-positron collisions and the *C*-invariance question 29B (1969) 308
Pais, A., Gauge theories and "elastic" weak neutral currents 48B (1974) 326
Pakhtusova, E.V., see V.E. Balakin 34B (1971) 99, 328, 663; 37B (1971) 435; 40B (1972) 431; 41B (1972) 205
Pakvasa, S., S.F. Tuan, Remarks concerning a model of Gell-Mann of *CP* non-conservation 37B (1971) 89
Pakvasa, S., H. Sugawara, Saturation of the Froissart bound 48B (1974) 333
Pal, Y., see N. Lund 31B (1970) 553
Palazzi, P., see F. Bradamante 31B (1970) 87; 32B (1970) 303
Palazzi, P., see M. Holder 35B (1971) 355, 361; 36B (1971) 400
Paler, K., see D.C. Colley 24B (1967) 489
Paler, K., see W.W.M. Allison 25B (1967) 619
Paler, K., see D. Scotter 26B (1967) 474
Paler, K., see J. Bartsch 27B (1968) 336
Paler, K., T.P. Shah, R.J. Miller, J.J. Phelan, B. Chaurand, B. Drevillon, G. Labrosse, R. Lestienne, D. Linglin, R.A. Salmeron, R. Barloutaud, A. Borg, C. Louedec, F. Pierre, M. Spiro, A triple Regge analysis of the reactions $K^-p \to \Lambda + X$ and $K^-p \to \bar{K}^0 + X$ at 14.3 GeV/*c* 43B (1973) 437
Paler, K., T.P. Shah, S.N. Tovey, R.J. Miller, J.J. Phelan, N.M. Cason, P.H. Stuntebeck, N.N. Biswas, V.P. Kenney, W.D. Shephard, B. Chaurand, B. Drevillon, G. Labrosse, R. Lestienne, R.A. Salmeron, M. Bardadin-Otwinowska, A. Borg, C. Louedec, Y. Pons, H. Spiro, Factorisation in the inclusive reactions $\eta^\pm p \to \Lambda + X$ and $K^-p \to \Lambda + X$ 48B (1974) 151

Palev, C., see N.G. Antoniou 26B (1967) 301
Palffy, L., see A. Possoz 50B (1974) 438
Palfrey Jr., T.R., see P.J. Weisbach 25B (1967) 302
Palit, P., see W.G. Jones 23B (1966) 597
Palit, P., see D.M. Binnie 27B (1968) 106
Pálla, G., see A. Adám 22B (1966) 475
Pálla, G., Small ^{238}U angle scattering of neutrons by deformed nuclei 35B (1971) 477
Pallua, S., B. Renner, On the t-channel description of deep inelastic electroproduction 38B (1972) 105
Palmer, D., Finite electromagnetic masses 39B (1972) 517
Palmer, R., see F.J. Hasert 46B (1973) 138
Palmer, R.B., D. Radojicic, R.R. Rau, C. Richardson, N.P. Samios, I.O. Skillicorn, J. Leitner, Precision measurement of the Ω^- and Ξ^0 masses 26B (1967) 323
Palmer, R.B., see I. Budagov 29B (1969) 524; 30B (1969) 364
Palmer, R.B., A calculation of semileptonic neutral currents assuming partons and Weinberg's renormalizable theory 46B (1973) 240
Palmgren, A., K. Krebs, E. Tunkelo, Total neutron cross-section measurements in the 10 μeV range 27B (1968) 554
Palmieri, J.N., see D.F. Measday 25B (1967) 106
Palmonari, F., see A. Alberigi Quaranta 25B (1967) 429
Palmonari, F., see V. Alles-Borelli 36B (1971) 149; 40B (1972) 433
Palmonari, F., see M. Bernardini 44B (1973) 393; 46B (1973) 261; 45B (1973) 169, 510
Palumbo, F., Note on the Gartenhaus-Schwarts transformation 37B (1971) 341
Palumbo, F., see F.A. Gareev 40B (1972) 621
Panagiotou, A.D., Observation of an 8^- level in ^{20}Ne 31B (1970) 361
Panagiotou, A.D., see N. Anyas-Weiss 45B (1973) 231
Panagiotou, D.A., see D. Strottman 47B (1973) 16
Panagiotou, D.A., see N. Anyas-Weiss 47B (1973) 442
Panchapakesan, N., Charge distribution around a nucleus with $Z > 137$ 35B (1971) 522
Pancheri-Srivastava, G., Reggeization of the photon in quantum electrodynamics 44B (1973) 109
Pande, L.K., Saturation, static SU(2)-model and dynamical symmetries 24B (1967) 243
Pande, L.K., Erratum 25B (1967) 56
Pang, C.Y., see G.D. Cable 40B (1972) 699
Pang, S.C., see G.J. Dreiss 29B (1969) 465
Pandharipande, V.R., On the spectra of even isotopes of cadmium and tellurium 26B (1967) 344
Pandharipande, V.R., On the calculation of core-polarization effects 27B (1968) 199
Pandharipande, V.R., Calculation of neutron and proton distributions in ^{208}Pb 29B (1969) 1
Pandharipande, V.R., On the calculation of nuclear compressibility 31B (1970) 635
Pandharipande, V.R., V.K. Garde, J.K. Srivastava, The magnetic susceptibility of dense neutron matter 38B (1972) 435
Pnadharipande, V.R., V.K. Garde, Effect of tensor forces on composition of dense matter 39B (1972) 608
Pandit, L.K., see E. Ferrari 21B (1966) 560
Pandit, L.K., see R.E. Marshak 21B (1966) 563
Pandit, L.K., see S.C. Chhajlany 35B (1971) 166
Pandit, L.K., see T. Das 44B (1973) 76
Panin, Yu.N., see L.V. Groshev 34B (1971) 293
Pansart, J.P., see M. Banner 41B (1972) 547; 44B (1973) 537

Pantea, D., see E. Balea 46B (1973) 389
Panteleev, Ts., Yu.V. Ryabov, Tyan San Khak, G.Z. Borukhovich, G.A. Petrov, E.N. Teterev, An attempt to observe experimentally the (n, γ, f) process in resonance neutron induced fission of ^{235}U 35B (1971) 507
Panvini, R., see J. Hanlon 46B (1973) 415
Panvini, R.S., see W.E. Ellis 32B (2970) 140, 641
Panvini, R.S., R.R. Kinsey, T.W. Morris, J. Hanlon, E.O. Salant, W.H. Sims, Properties of the inclusive pion spectrum from pp collisions: 28.5 GeV/c to about 10^3 GeV/c 38B (1972) 55
Pandya, S.P., see S.B. Khadkikar 36B (1971) 290
Paoluzi, L., see B. Borgia 35B (1971) 340
Paoluzi, L., see M. Conversi 46B (1973) 269
Paoluzi, L., see F. Ceradini 42B (1972) 501; 43B (1973) 341; 47B (1973) 80
Paoluzi, L., see S. Orito 48B (1974) 165, 380
Papadopoulou, Th., T.A. Filippas, L. Gray, E. Simopoulou, P. Tsilimigras, A. Vayaki, M. Dris, T.E. Kalogeropoulos, J. Roy, The inclusive charged pion spectra in $\bar{p}n$ annihulations at rest 43B (1973) 401
Papastamatiou, N.J., see H. Matsumoto 46B (1973) 73
Pape, L., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
Pape, L., see M. Jobes 26B (1967) 49
Pape, L., see P.V. Chliapnikov 39B (1972) 279
Pape, L., see J.N. Carney 42B (1972) 124
Papineau, A., see A. Garin 21B (1966) 73
Papineau, A., see J. Arvieux 22B (1966) 439; 610
Papineau, L., see G. Bassani 21B (1966) 442
Papineau, L., see C. Levi 22B (1966) 483
Papineau, L., see A. Adam 25B (1967) 122
Papineau, L., see Y. Cassagnou 27B (1968) 631
Pappalardo, G., see G. Bassani 34B (1971) 612
Pappas, A.C., see P.G. Hansen 28B (1969) 415, 596, 663
Pardee, W.J., see S. Blaha 42B (1972) 435
Parfenov, L.B., see J. Bystricky 28B (1969) 572
Parikh, J., see K. Bhatt 44B (1973) 338
Parikh, J.C., see K.H. Blatt 24B (1967) 613
Parikh, J.C., Nature of self-consistent solutions for ^{20}Ne and ^{24}Mg 25B (1967) 181
Parikh, J.C., Consequences of a triaxial intrinsic state for ^{24}Mg 26B (1967) 607
Parikh, J.C., see B. Castel 29B (1969) 341
Parikh, J.C., see J.B. French 35B (1971) 1
Parikh, J.C., B. Castel, Pairing effects in the projected Hartree-Fock model 37B (1971) 7
Parikh, J.C., Mixing of SU(3) symmetry for nuclei in the ds-shell 41B (1972) 468
Parikh, J.C., see S.S.M. Wong 48B (1974) 403
Parikh, J.C., see K.R. Sandhya Devi 32B (1970) 179
Parikh, J.K., Variations of nuclear shape and deformation in p-f shell 41B (1972) 271
Parish, L.J., see C.F. Moore 22B (1966) 616
Parish, L.J., see W.G. Love 31B (1970) 167
Parisi, G., see S. Ferrara 38B (1972) 333; 44B (1973) 381; 45B (1973) 63
Parisi, G., Conformal invariance in perturbation theory 39B (1972) 643
Parisi, G., Bjorken scaling and the parton model 42B (1972) 114

Parisi, G., Experimental limits on the values of anomalous dimensions 43B (1973) 207
Parisi, G., see A. Bietti 43B (1973) 427
Parisi, G., see C. Bacci 44B (1973) 530, 533
Parisi, G., Detailed predictions for the p-n structure functions in theories with computable large momenta behaviour 50B (1974) 367
Park, D.Y., see M.B. Epstein 36B (1971) 305
Park, D.Y., see M. Furic 39B (1972) 629
Parker, Alford, W., see J.J. Schwartz 21B (1966) 441
Parker, D.L., see Z. Ming Ma 47B (1973) 177
Parker, E.F., H.R. Gustafson, L.W. Jones, M.J. Longo, P.V. Ramana Murthy, F.E. Ringia, B. Cork, Neutron-proton and neutron-deuteron total cross sections at 4.0 and 5.7 GeV/c 31B (1970) 246
Parker, E.F., T. Dobrowolski, H.R. Gustafson, L.W. Jones, M.J. Longo, F.E. Ringia, B. Cork, Neutron-nucleus total cross sections at 5.7 GeV/c 31B (1970) 250
Parker, E.F., see L.W. Jones 36B (1971) 509
Parker, P.M., see P. Signell 27B (1968) 264
Parkinson, M.T., D.P. Vasholz, On the possibility of massless particle instability 45B (1973) 376
Parkinson, W.C., see J.F. Petersen 49B (1974) 415
Parrini, G., see N. Armenise 25B (1967) 53; 26B (1967) 336
Parrour, G., see B. Bouquet 26B (1967) 178
Parrour, G., see B. Delcourt 29B (1969) 70
Parrour, G., see D. Benaksas 39B (1972) 289; 42B (1972) 507, 511
Parrour, G., see G. Cosme 40B (1972) 685; 48B (1974) 155, 159
Parsa, B., G.E. Gordon, A new nucleide: 115 sec ^{46}K 23B (1966) 269
Parshikura, S., see O. Balea 39B (1972) 571
Parson, J.T., see R.C. Ritter 28B (1969) 588
Parsons, A.S.L., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Parsons, N., see R.G. Moorhouse 47B (1973) 24
Pascaud, C., see L. Behr 22B (1966) 540
Pascaud, C., see J.P. Lowys 24B (1967) 75
Pascaud, C., see R. Arnold 28B (1969) 56
Pascaud, C., see I.A. Budagov 28B (1969) 215
Pascaud, C., see T. Eichten 40B (1972) 593; 46B (1973) 274
Paschos, E.A., see V.K. Cung 41B (1972) 355
Paschos, E.A., see R.W. Brown 43B (1973) 403
Pascovici, G., see S. Vajda 42B (1972) 54
Pascovici, G., see A. Iordachescu 48B (1974) 28
Pascual, P., see J. Bernabeu 29B (1969) 555
Pashkevich, V.V., see D.A. Arseniev 40B (1972) 305
Pask, C., The effect of three-body forces in ^{3}H 25B (1967) 78
Pask, C., see L.M. Delves 28B (1969) 472
Pask, C., Non-central forces in low energy nuclear physics 33B (1970) 325
Pask, C., see K. Okamoto 36B (1971) 317
Passerieux, J.P., see R. Ballini 21B (1966) 708; 26B (1967) 215
Passler, K.H., P.G. Zint, U. Mosel, Hartree–Fock calculations for highly deformed systems 47B (1973) 419
Pasternak, M., see H. De Waard 33B (1970) 413
Patel, P.M., see Barcelona ... collaboration 48B (1974) 467

Pati, J.C., see A. Salam 43B (1973) 311
Patkós, A., see L. Gálfi 31B (1970) 465
Patkós, A., The p + p → p + X reaction at large transverse momentum in the fragmentation region and the gluon exchange parton model 48B (1974) 128
Patočka, I., see G. Bozoki 28B (1969) 360
Paton, J.E., see C. Hong-Mo 46B (1973) 228
Patrick, B.H., G.D. James, A correlation analysis of the slow-neutron induced fission cross section of ^{239}Pu 28B (1969) 258, 557
Patrick, B.H., see E.J. Winhold 32B (1970) 607
Patrick, B.H., H.A. Medicus, G.K. Mehta, E.M. Bowey, D.B. Gayther, Isospin splitting in the giant resonance of ^{11}B 34B (1971) 488
Patsakos, G., G. Segre, J.D. Walecka, Covariant analysis of quark commutators and electromagnetic couplings 23B (1966) 141
Patterson, D.M., J.G. Cramer, An estimate of the ^{3}He spin-orbit potential from spin-flip measurements 27B (1968) 373
Patterson, J.R., see F.C. Barker 21B (1966) 318
Pattison, J.B.M., see I. Budagov 29B (1969) 524; 30B (1969) 364
Pattison, J.B.M., see D.C. Cundy 31B (1970) 478
Pattison, J.B.M., see T. Eichten 40B (1972) 590; 46B (1973) 274, 281
Pattison, J.B.M., see F.J. Hasert 46B (1973) 121, 138
Paty, M., see R. Arnold 27B (1968) 466
Paty, M., see C. Baglin 29B (1969) 445
Paty, M., see M. Haguenauer 34B (1971) 219; 37B (1971) 538
Paty, M., see R. Arnold 36B (1971) 261
Patzelt, P., see P.G. Hansen 28B (1969) 415, 596, 663
Paul, E., see H.G. Hilpert 27B (1968) 474
Paul, E., see F. James 35B (1971) 265
Paul, E., see V. Chaloupka 44B (1973) 211
Paul, E., see J. Louie 48B (1974) 385
Paul, L., see H. Bienlein 46B (1973) 131
Paul, L., see Ch. Berger 47B (1973) 377
Paul, P., T.R. Fisher, S.S. Hanna, Transition rates of analog levels in A = 10 nuclei 24B (1967) 51
Paul, P., see K.A. Snover 37B (1971) 29
Pauli, E., see A. Larribe 23B (1966) 600
Pauli, E., see P.J. Litchfield 24B (1967) 486
Pauli, E., see F. James 35B (1971) 265
Pauli, E., see V.V. Ammosov 42B (1972) 519
Pauli, E., see V.A. Bumazshnov 50B (1974) 283
Pauli, E., see J. Derre 50B (1974) 287
Pauli, H.C., T. Ledergerber, M. Brack, Asymmetry in nuclear fission 34B (1971) 264
Pauli, H.C., see U. Götz 38B (1972) 274; 39B (1972) 436
Pauli, H.C., see T. Ledergerber 39B (1972) 307
Pauli, H.C., see C.M. Ko 45B (1973) 433
Paulsen, A., H. Liskien, Search for a fluctuating anisotropy in the n–p scattering process at a few MeV neutron energies 29B (1969) 562
Paver, N., C. Verzegnassi, π–π scattering lengths and dispersion relations 26B (1967) 388
Paver, N., see P. Gensini 47B (1973) 515

Pavković, M., The breakdown of scaling due to the possible structure of nucleonic constituents 46B (1973) 435
Pavlichenkov, I.M., see V.V. Davydov 29B (1969) 551
Pavlov, V.S., see M.I. Bulgakov 42B (1972) 351
Pavlova, N.P., see M.G. Antonova 39B (1972) 282, 285
Pavlovsky, F.A., see M.Ya. Balatz 26B (1967) 320
Pawlicky, A.J., see J.P. Boright 33B (1970) 615
Paya, D., see M. Asghar 26B (1968) 664
Paziashvili, I.V., see J.L. Chkareuli 47B (1973) 43
Peach, K.J., G.R. Evans, J. Muir, I.A. Budagov, H.W.K. Hopkins, W. Krenz, F.A. Nezrick, R.G. Worthington, Observation of the radiative electronic decay mode of the long-lived neutral K meson 35B (1971) 351
Peach, K.J., G.R. Evans, J. Muir, H.W.K. Hopkins, W. Krenz, Experimental limits on the form factors in $K^0_{\mu 3}$ decay 43B (1973) 441
Peak, L.S., see M. Bott-Bodenhausen 40B (1972) 693
Pearce, W.A., see I. Duck 21B (1966) 669
Pearson, C.A., J.M. Covan, D. Zisserman, WBP model stripping calculations with Hamad–Johnston wave function 35B (1971) 461
Pearson, J.M., see B. Rouben 42B (1972) 385
Pearson, J.M., see G. Saunier 48B (1974) 293
Peccei, R.D., see N.F. Bali 33B (1970) 175
Peccei, R.D., see J. Ellis 38B (1972) 174
Peccei, R.D., see W.A. Bardeen 45B (1973) 353
Pedersen, J., B.D. Kuzminov, Resonance effects in near-barrier fission observed in (d, pf) reactions 29B (1969) 176
Pedersen, J., see H.F. Brinckmann 43B (1973) 386
Pedersen, T.I., see T. Eichten 27B (1968) 586
Pedersen, T.I., see D. Haidt 29B (1969) 691, 696
Pedersen, T.I., see H.J. Steiner 36B (1971) 521
Pedersen, T.I., see H. Braun 47B (1973) 182, 185
Peeters, P., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
Peeters, P., see M. Jobes 26B (1967) 49
Peeters, P., see P.V. Chiliapnikov 39B (1972) 279
Peeters, P., see J.N. Carney 42B (1972) 124
Peekna, A., see J. Lynch 35B (1971) 457
Peigneux, J.P., see J.V. Allaby 28B (1969) 67, 229; 29B (1969) 198
Peigneux, J.-P., see Yu.B. Bushnin 29B (1969) 48
Peigneux, J.P., see F. Binon 30B (1969) 506, 510; 31B (1970) 230
Peker, L.K., see Yu.I. Kharitonov 31B (1970) 277
Peker, L.K., E.I. Volmyanski, V.E. Bunakov, S.G. Ogloblin, Many-particle isomeric states as sources of proton and neutron radio-activity 36B (1971) 547
Peker, L.K., see Yu.N. Rakivnenko 44B (1973) 462
Pellett, D., see B.D. Hyams 24B (1967) 634
Pellicer, J., see Barcelona...collaboration 48B (1974) 467
Pelte, D., The low-lying $J = \frac{1}{2}$ states in ^{21}Ne and ^{23}Na 22B (1966) 448
Pelte, D., O. Hausser, T.K. Alexander, B.W. Hooton, H.C. Evans, Coulomb excitation of the first excited state of ^{28}Si 29B (1969) 660
Pelte, D., see H.J. Wollersheim 48B (1974) 323

Penev, V., see O. Balea 39B (1972) 571
Penev, V., see Alma...collaboration 48B (1974) 277
Penney, B.K., see M.R. Jane 48B (1974) 260, 265
Pennington, M.R., S.D. Protopopescu, Odorico zeros and low energy $\pi\pi$ scattering data 40B (1972) 105
Pennington, M.R., see D.P. Auerbach 45B (1973) 275
Penso, G., see C. Bacci 38B (1972) 551; 44B (1973) 530, 533
Penzias, J., see G. Neuhofer 37B (1971) 438; 38B (1972) 51
Penzo, A., see F. Bradamante 28B (1969) 191; 31B (1970) 87; 32B (1970) 303; 44B (1973) 202
Peoples, J., see J. Marx 32B (1970) 219
Peoples, J., see A. Scribano 32B (1970) 224
Pepin, M., see P. Astbury 22B (1966) 537; 23B (1966) 160, 396
Pepin, M., see W. Beusch 25B (1967) 357; 28B (1969) 211
Pepin, M., W. Beusch, W.E. Fischer, E.E. Polgar, R. Bowen, G. Brautti, A. Michelini, P. Astbury, D. Websdale, A study of the backward peak in the ΛK^0 associated production at 5, 7 and 12 GeV/c 26B (1967) 35
Pepin, M., see P. Schwaller 35B (1971) 243
Perales, F., see S. André 30B (1969) 160
Peresypkin, V.V., see N.M. Petrov 44B (1973) 321
Perey, C.M., F.G. Perey, On the real part of the proton optical model potential 26B (1967) 123
Perey, F.G., see C.M. Perey 26B (1967) 123
Perey, F.G., see R.G. Couch 29B (1969) 657
Pérez, R., see J. Flores 26B (1967) 55
Perez, R.B., see G. De Saussure 31B (1970) 413
Perez, S.M., Γ particle-hole states in ^{208}Pb 33B (1970) 317
Perez, S.M., see C.F. Clement 33B (1970) 391
Perez-Mendez, V., see L. Kaufman 25B (1967) 536
Perez-Mendez, V., J.M. Sperinde, A.W. Stetz, Analyzing power and phase-shift analysis of proton–helium elastic scattering at 70 and 80 MeV 28B (1969) 648
Perez-Mendez, V., see J. Sperinde 32B (1970) 185
Perez-Mendez, V., see S.S. Wilson 35B (1971) 83
Perez-y-Jorba, J., see C. Betourne 24B (1967) 590
Perez-y-Jorba, J.P., see J.C. Bizot 25B (1967) 489; 32B (1970) 416
Perez-y-Jorba, J., see J.E. Augustin 28B (1969) 503, 508, 517; 31B (1970) 673
Perez-Y-Jorba, J.P., see B. Delcourt 29B (1969) 70, 75
Perkal. M., see E.R. Bauminger 32B (1970) 678
Perkins, D.H., see M.J. Esten 24B (1967) 115
Perkins, D.H., see I. Budagov 29B (1969) 524; 30B (1969) 364
Perkins, D.H., see D.C. Cundy 31B (1970) 478
Perkins, D.H., see G. Myatt 34B (1971) 542
Perkins, D.H., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Perkins, D.H., see F.J. Hasert 46B (1973) 121, 138
Perl, M.L., see T.H. Tan 28B (1969) 195
Perl, M.L., see W.L. Toner 36B (1971) 251
Perl, M.L., see J.C. Pratt 41B (1972) 383
Perlman, M.L., see W. Rubinson 40B (1972) 352
Pernegr, J., see H.W. Atherton 30B (1969) 494

Pernegr, J., see G.R. Charlton 32B (1970) 720
Perreau, J.M., see G. Bassompierre 25B (1967) 440; 26B (1967) 30; 27B (1968) 468
Perreau, J.M., see M. Jobes 26B (1967) 49
Perreau, J.M., see C. Bricman 29B (1969) 451; 31B (1970) 148, 152
Perreau, J.M., see G. Bizard 31B (1970) 481
Perreau, J.M., see P. Baillon 50B (1974) 377, 383, 387
Perrenoud, J.L., see R.M. DeVries 32B (1970) 193
Perrenoud, J.-L., R.M. DeVries, Exact finite-range DWBA analysis of multinucleon transfer reactions 36B (1971) 18
Perrin, N., see C. Gerschel 33B (1970) 299
Perrin, N., see M.A. Deleplanque 46B (1973) 317
Perrottet, M., see C.P. Korthals Altes 39B (1972) 546
Persson, B., H. Blumberg, D. Agresti, Magnetic and quadrupole-moment ratios of the first-excited states in ^{186}W and ^{182}W 24B (1967) 522
Peruzzo, L., see R.A. Donald 26B (1967) 327
Pervushin, V.N., see B.M. Barbashov 33B (1970) 484
Peschanski, R., see G. Cohen-Tannoudji 33B (1970) 183
Peshekhonov, V.D., see V.K. Birulev 38B (1972) 452
Pessard, H., see G. Neuhofer 39B (1972) 271; 41B (1972) 642
Pessard, H., see M. Metcalf 40B (1972) 703
Pessard, H., see F. Niebergall 49B (1974) 103
Pestieau, J., see P. De Baest 25B (1967) 515
Pestieau, J., P. Roy, Current-commutators and high energy hadron production in e^+e^- annihilation 30B (1969) 483
Pestov, Ju.N., see V.L. Auslander 25B (1967) 433
Péter, J., Désintégration par fission spontanée de très courte demi-vie des noyaux obtenus par réaction nucléaire de ^{14}N sur ^{169}Tm 31B (1970) 124
Peter, J., see P. Colombani 42B (1972) 208
Peterman, A., see B.E. Lautrup 31B (1970) 577
Peterman, A., see A. De Rújula 33B (1970) 605
Peterman, A., The α^2 radiative Lamb shift 34B (1971) 507
Peterman, A., Analytic 4th order crossed ladder contribution to the Lamb shift 35B (1971) 325
Peterman, A., A new value for the Lamb shift 38B (1972) 330
Peterman, A., see J. Calmet 47B (1973) 369
Peters, B., see N. Lund 31B (1970) 553
Peters, W.C., E.G. Bilpuch, G.E. Mitchell, Multi-channel study of fine structure of an analogue state in ^{59}Co 42B (1972) 422
Petersen, D.F., C.J. Veje, Collective 1^- excitations involving a charge exchange 24B (1967) 449
Petersen, E.L., see I. Šlaus 23B (1966) 358
Petersen, E.L., R.G. Allas, R.O. Bondelid, A.G. Pieper, R.B. Theus, Quasi-free scattering in the D(p, pn)p reaction from 15 to 50 MeV 31B (1970) 209
Petersen, J.F., W.C. Parkinson, The $^{40}Ar(\tau, n)^{42}Ca$ reaction 49B (1974) 415
Petersen, J.L., see J.L. Basdevant 41B (1972) 173, 178
Peterson, F.C., see J. Orear 28B (1969) 61
Peterson, G.A., J.F. Ziegler, Excitation of collective states in ^{208}Pb by inelastic electron scattering 21B (1966) 543

Peterson, G.A., Excitation of 15.11 MeV levels in ^{12}C and ^{13}C by inelastic electron scattering 25B (1967) 549
Peterson, G.A., see P.K.A. De Witt Huberts 32B (1970) 599
Peterson, G.A., see B.B.P. Sinha 35B (1971) 217
Peterson, R.J., Octupole weak coupling states in in ^{55}Mn 27B (1968) 446
Peterson, R.J., S. Pittel, H. Rudolph, An unexpected $\frac{1}{2}^-$ state in ^{55}Mn 37B (1971) 278
Petersson, B., see R. Jengo 43B (1973) 397; 46B (1973) 249
Petiau, P., see L. Behr 22B (1966) 540
Petiau, P., see T. Eichten 27B (1968) 586; 40B (1972) 593; 46B (1973) 274, 281
Petiau, P., see D. Haidt 29B (1969) 691, 696
Petiau, P., see H.J. Steiner 36B (1971) 521
Petiau, P., see F.J. Hasert 46B (1973) 121, 138
Petitjean, C., see H. Paetz gen. Schieck 22B (1966) 191, 719
Petitjean, C., see R. Link 37B (1971) 50
Petitjean, C., see H.K. Walter 38B (1972) 64; 40B (1972) 197
Petkov, I.Z., see V.K. Lukyanov 28B (1969) 368
Petraske, E.W., see R.C. Chase 30B (1969) 659
Petraske, E.W., see J.C. Pratt 41B (1972) 383
Petrera, S., see Barcelona ... collaboration 48B (1974) 467
Petroff, P., see J.E. Augustin 31B (1970) 673
Petroff, P., see J.C. Bizot 32B (1970) 416
Pétroff, P., see B. Bouquet 41B (1972) 536
Petronzio, R., see G. Altarelli 48B (1974) 435
Petrov, G.A., see Ts. Panteleev 35B (1971) 507
Petrov, I.P., see K.P. Artemov 37B (1971) 61
Petrov, N.M., see A.G. Sitenko 21B (1966) 54; 28B (1969) 308
Petrov, N.M., see V.F. Kharchenko 32B (1970) 19
Petrov, N.M., V.V. Peresypkin, Elastic scattering of π-mesons from deuterons 44B (1973) 321
Petrov, V.A., see V.V. Ezhela 47B (1973) 501
Petrovich, F., R. Schaeffer, H. McManus, C.R. Gruhn, T.Y.T. Kuo, B.M. Preedom, C.J. Maggiore, Effect of vector and tensor forces in the excitation of $f_{7/2}\text{-}d^{-1}_{3/2}$ states in the $^{40}Ca(p, p')^{40}Ca^*$ reaction 46B (1973) 141
Petrukhin, A.I., see Yu.B. Bushnin 29B (1969) 48
Petrukhin, A.I., see J.V. Allaby 30B (1969) 500
Petrukhin, A.I., see F. Binon 31B (1970) 230
Petrukhin, A.I., see Yu.M. Antipov 34B (1971) 164
Petrukhin, A.I., see S.P. Denisov B (1971) 167; 36B (1971) 415, 528
Petrunina, T.I., see S.V. Golovkin 42B (1972) 136
Petry, R.F., R.A. Naumann, J.S. Evans, Negative-parity levels in even-even Hg isotopes 21B (1966) 541
Petry, H.R., D. Schutte, Brueckner theory applied to a solvable model 38B (1972) 167
Petrzhak, K.A., see V.M. Adamov 48B (1974) 311
Pett, T.G., The determination of n–d scattering lengths 24B (1967) 25
Pettersson, H., see A. Johansson 26B (1967) 83
Pettorino, R., see A. Laudiero 39B (1972) 384
Pevsner, A., see C. Baglin 47B (1973) 85, 89
Pewitt, E.G., see L.G. Hyman 25B (1967) 376
Peyer, U., J. Hall, R. Müller, M. Suter, W. Wölfli, Bremsstrahlung in α–α scattering 41B (1972) 151

Pfeiffer, H.-J., see H. Daniel 46B (1973) 129; 48B (1974) 109
Pfeiffer, K., see K. Bethge 24B (1967) 663
Pfeiffer, L., see J.C. Wells Jr. 27B (1968) 448
Pfeiffer, R., see R. Kosiek 21B (1966) 199
Pfleger, J.A.H., see R. Jahr 25B (1967) 113
Pfohl, R., see Barcelona ... collaboration 48B (1974) 467
Pham Xuan Yem, On the t and q^2 dependence of the reaction $e + p \rightarrow e + p + X$ (anything) 41B (1972) 67
Pham Xuan Yem, see R. Olshansky 41B (1972) 192
Pham Xuan Yem, see J. Dias de Deus 41B (1972) 359
Pham Xuan Ho, see B. Antoine 41B (1973) 55
Phelan, J.J., see R.J. Miller 34B (1971) 230
Phelan, J.J., see B. Chaurand 38B (1972) 253
Phelan, J.J., see R. Barloutand 38B (1972) 257
Phelan, J.J., see K. Paler 43B (1973) 437; 48B (1974) 151
Phenneger, M.C,, see D.M. Skopik 43B (1973) 481
Philipp, G., see A. Hofmann 26B (1967) 378
Phillips, A.C., G. Barton, Relations between low energy three-nucleon observables 28B (1969) 378
Phillips, A.C., Non-resonant attraction between neutrons in the $\pi^- + {}^3\mathrm{He} \rightarrow \pi^+ + 3n$ reaction 33B (1970) 260
Phillips, G.C., see V. Valkovic 33B (1970) 208; 42B (1972) 191
Phillips, G.C., see W.E. Sweeney Jr. 37B (1971) 183
Phillips, G.C., see N.D. Gabitzsch 47B (1973) 234
Phillips, G.C., see M. Furic 47B (1973) 241
Phillips, G.C., see D. Miljanic 50B (1974) 330
Phillips, G.W., see P. Von Brentano 26B (1967) 448
Phillips, G.W., see W.R. Wharton 30B (1969) 33
Phillips, J.N., see V. Barger 25B (1967) 351
Phillips, R.J.N., G.A. Ringland, Byers-Yang model for NN and $\bar{\mathrm{N}}\mathrm{N}$ charge exchange 21B (1966) 557
Phillips, R.J.N., Two-Reggeon branch points and double charge exchange 24B (1967) 342
Phillips, R.J.N., Tests for Regge cuts in N–N scattering 25B (1967) 517
Phillips, R.J.N., see V. Barger 26B (1967) 730
Phillips, R.J.N., see V. Barger 29B (1969) 503, 676; 31B (1970) 643; 33B (1970) 425; 36B (1971) 343, 350; 42B (1972) 479
Phillips, R.J.N., see F. Drago 31B (1970) 647
Phillips, R.J.N., G.A. Ringland, R.P. Worden, Polarisation effects in inclusive reactions 40B (1972) 239
Phillips, R.J.N., V. Barger, Model independent analysis of the structure in pp scattering 46B (1973) 412
Phillips, T.W., see C.-P. Wu 29B (1969) 359
Phillips, T.W., see G.W. Cole Jr. 30B (1969) 91
Phillips, W.R., see T.A. Critchley 25B (1967) 328
Phillips, W.R., see D.K. Olsen 39B (1972) 201
Philpott, R.J., see W.G. Love 29B (1969) 478
Phocas-Cosmetatos, J., see R. Delbourgo 41B (1972) 533
Phua, K.K., see S.Y. Lo 38B (1972) 415

Pianjian, J.J., see A.V. Ramayya 24B (1967) 49
Piasecki, E., see J. Chwaszczewska 24B (1967) 87
Piasecki, E., see M. Dakowski 25B (1967) 213
Piasecki, E., M. Dakowski, T. Krogulski, J. Tys, J. Chwaszczewska, Evidence of the polar emission of alpha-particles in the thermal neutron fission of ^{235}U 33B (1970) 568
Piazza, A., H.G. Wahsweiler, W. Greiner, Isobaric analogue states of ^{90}Zr in the eigenchannel theory 25B (1967) 579
Piazza, A., see R.F. Barrett 35B (1971) 551
Picard, J., see G. Bassani 22B (1966) 189
Picard, J., see M. Conjeaud 23B (1966) 104
Picard, J., see V. Gillet 27B (1968) 483
Picard, J., see J. Duclos 47B (1973) 491
Picasso, E., see J. Bailey 28B (1969) 288
Picchi, P., see E. Etim 28B (1969) 273
Picchi, P., see A. Małecki 36B (1971) 61; 43B (1973) 351
Picchi, P., see E. Błeszynska 43B (1973) 355
Picciarelli, V., see R. Vanderhagen 24B (1967) 493
Picciarelli, V., see N. Armenise 25B (1967) 53; 26B (1967) 336
Picciarelli, V., see P. Fleury 26B (1968) 686
Picciono, O., see M.A. Abolins 21B (1966) 584
Piccioni, O., see J. Field 24B (1967) 638
Piccioni, O., see D. Scipione 42B (1972) 489
Picciotto, C., see D. Smith 46B (1973) 157
Pichon, G., see J. Bartke 24B (1967) 118, 163
Pickup, E., see A. Larribe 23B (1966) 600
Picozza, P., see J. Banaigs 43B (1973) 535; 45B (1973) 535
Piekarz, H., see A. Bamberger 33B (1970) 233; 36B (1971) 412
Piekarz, H., see M.A. Faessler 46B (1973) 468
Piekarz, J., see A. Bamberger 33B (1970) 233; 36B (1971) 412
Piekarz, J., see M.A. Faessler 46B (1973) 468
Piel, H., see K.H. Althoff 26B (1967) 640
Piel, Jr., W.F., see G. Scharff-Goldhaber 44B (1973) 416
Piemontese, L., see F. Bradamante 28B (1969) 191; 31B (1970) 87; 32B (1970) 303; 44B (1973) 202
Piepenbring, R., see G. Monsonego 21B (1966) 180
Piepenbring, R., see H.H. Erbil 43B (1973) 23
Piepenbring, R., see B. Silvestre-Brac 44B (1973) 357
Pieper, A.G., see E.L. Petersen 31B (1970) 209
Pieper, W., W. Greiner, The influence of nuclear dynamics on the X-ray spectrum of muonic atoms 24B (1967) 377
Pierazzini, G., see A. Scribano 32B (1970) 224
Pierazzini, G., see W.D. Apel 40B (1972) 680; 41B (1972) 234, 542; 46B (1973) 459
Pierrard, J., see C. Bruneton 44B (1973) 471
Pierre, F., see R.J. Miller 34B (1971) 230
Pierre, F., see B. Chaurand 38B (1972) 253
Pierre, F., see R. Barloutand 38B (1972) 257
Pierre, F., see K. Paler 43B (1973) 437
Pietrzyk, B., see M.A. Faessler 46B (1973) 468

Pietschmann, H., W. Thirring, Predictions of the static quark model on boson decays 21B (1966) 713
Pietschmann, H., see P. Möbius 22B (1966) 684
Pietschmann, H., see L.P. Fulcher 29B (1969) 338, 583
Pietschmann, H., H. Stremnitzer, Heavy leptons and the magnetic moment of the muon 37B (1971) 312
Pietschmann, H., H. Rupertsberger, Weak mesonic currents of second class 40B (1972) 662
Pignanelli, M., see F. Resmini 37B (1971) 275
Pignon, D., Strong interactions and the weak parity violating nuclear potential 35B (1971) 163
Pignotti, A., see N.F. Bali 33B (1970) 175
Pignotti, A., see D.R.O. Bruno 43B (1973) 304
Piguet, O., see G. Auberson 28B (1969) 41
Piguet, O., G. Wanders, Constraints on moments of S-wave pion–pion amplitudes resulting from crossing symmetry and positivity properties of absorptive parts 30B (1969) 418
Piketty, C.A., see C. Longuemare 38B (1972) 125
Pikrovsky, Yu.E., see V.F. Demin 44B (1973) 227
Pilcher, J., see P. Darriulat 33B (1970) 249, 433
Pilcher, J., see M. Holder 35B (1971) 355, 361; 36B (1971) 400; 40B (1972) 141
Pilcher, J., see G. Barbielline 39B (1972) 294, 663
Piliposian, S., see L.O. Abrahamian 44B (1973) 301
Pilipossian, S.E., see L.O. Abrahamian 48B (1974) 463
Pilkuhn, H., see A. Liland 29B (1969) 663
Pilkuhn, H., Dissociation of relativistic nuclei in the nuclear Coulomb field 38B (1972) 143
Pilkuhn, H., see G. Fäldt 40B (1972) 613; 46B (1973) 337
Pilt, A.A., see M. Wayne Greene 35B (1971) 560
Pine, J., see J. Litt 31B (1970) 40
Pinfold, J.L., see F.J. Hasert 46B (1973) 121
Pinfold, J.L., see T. Eichten 46B (1973) 281
Pinkston, W.T., see W.G. Love 29B (1969) 478
Pinski, S.S., D.R. Snider, G.H. Thomas, Equivalence between the Mueller Regge model and the multipheral model 47B (1973) 505
Pinsky, S., J.S. Trefil, Regge cuts, the Wu-Yang hypothesis, and the composite nature of elementary particles 27B (1968) 518
Pinsky, S., An integral equation for the triple Regge vertex 41B (1972) 623
Pinter, G., see Z.S. Strugalski 29B (1969) 518, 532
Pinter, G., see R. Arnold 36B (1971) 261
Pinter, G., see O. Balea 39B (1972) 571
Pinter, G., see Alma ... collaboration 48B (1974) 277
Piotrowska, H., see M. Bardadin-Otwinsowska 21B (1966) 357
Piotrowska, H., see S. Brandt 22B (1966) 109, 230
Piotrowska, H., On the cross-sections for inclusive experiments 32B (1970) 71
Piotrowska, H., see K. Boesebeck 34B (1971) 659
Piotrowska, H., see J.V. Beaupre 37B (1971) 432
Piotrowska, H., see O. Balea 39B (1972) 571
Piperova, J., see D. Karadjov 46B (1973) 163
Pipkin, F.M., see P.M. Joseph 26B (1967) 41
Pipkin, F.M., see N. Hicks 29B (1969) 602
Pires, P., see D. Gogny 32B (1970) 591

Pirilä, P., see H.I. Miettinen 40B (1972) 127
Pirilä, P., S. Pokorski, Two-particle correlations at ISR energies with diffraction and pionization 43B (1973) 502
Pirner, H.J., D.O. Riska, Parity violating two-pion-exchange nucleon–nucleon potential 44B (1973) 151
Pirogov, Yu.F., see A.B. Kaidalov 45B (1973) 493
Piroué, P.A., see M. Bourquin 36B (1971) 615
Piroué, P.A., see P. Basile 36B (1971) 619
Piroué, P.A., see W.T. Ford 38B (1972) 335
Piscitelli, G., see T. Eichten 27B (1968) 586
Piscitelli, G., see D. Haidt 29B (1969) 691, 696
Pistilli, P., see E. Amaldi 41B (1972) 216
Pišút, J., On the consistency of Wolf-pion–pion phase shifts with dispersion relations for forward scattering 21B (1966) 569
Piticu, I., see D. Bogdan 31B (1970) 280
Pitluck, S., see Y. Eisenberg 43B (1973) 149; 48B (1974) 354
Pittel, S., see K. Harada 32B (1970) 542
Pittel, S., Core-excited states in ^{54}Fe 33B (1970) 158
Pittel, S., Mechanism for extending the ^{20}Ne rotational band 34B (1971) 555
Pittel, S., see R.J. Peterson 37B (1971) 278
Pittel, S., see C.M. Vincent 47B (1973) 327
Pitthan, R., Th. Walcher, Inelastic electron scattering in the giant resonance region of La, Ce and Pr 36B (1971) 563
Pitthan, R., see F.R. Buskirk 42B (1972) 194
Pixley, R.E., see R. Bloch 25B (1967) 215
Pizzi, J.R., see C. Détraz 22B (1966) 638
Pizzi, J.R., R. Bouché, M. Gaillard, P. Gaillard, A. Guichard, M. Gusakow, J.L. Leonhardt, C. Ruhla, Quasi-free scattering of 56 MeV α particles by α-particle clusters in ^{6}Li and ^{7}Li 28B (1969) 32
Placci, A., see A. Alberigi Quaranta 25B (1967) 429
Placci, A., E. Polacco, E. Zavattini, K. Ziock, C. Carboni, U. Gastaldi, G. Gorini, G. Torelli, Observation of muonic X-rays in hydrogen gas 32B (1970) 413
Placci, A., see J. Bailey 33B (1970) 369
Placci, A., see F.W. Büsser 46B (1973) 471; 48B (1974) 371, 377
Plahte, E., see J.F.L. Hopkinson 28B (1969) 489
Plajner, Z., see O. Dragoun 29B (1969) 221
Plane, D.E., see R. Armenteros 28B (1969) 521
Plane, D.E., see D. Faiman 39B (1972) 358
Plasil, F., see R.L. Ferguson 31B (1970) 526
Plasil, F., see H. Rösler 38B (1972) 501
Plastino, A., see A. Faessler 34B (1971) 31
Plastino, A., see E.S. Hernández 39B (1972) 163
Plattner, G.R., L.G. Keller, Study of ^{3}He(d, d)^{3}He and ^{3}He(d, p)^{4}He with vector-polarized deuterons between 4 and 10 MeV 29B (1969) 301
Plattner, G.R., L.G. Keller, Polarization in deuteron–deuteron elastic scattering between 8 and 12 MeV 30B (1969) 327
Plattner, G.R., A.D. Bacher, Absolute calibration of spin-$\frac{1}{2}$ polarization 36B (1971) 211
Plattner, G.R., see R.D. Viollier 40B (1972) 625; 48B (1974) 99

Plaut, G., see J.T. Donohue 41B (1972) 495
Pleiter, F., B. Kolk, The contact density of conduction electrons in iron and the isomer shift of ^{57}Fe 34B (1971) 296
Pleskachevsky, L.A., see V.M. Adamov 48B (1974) 311
Plendl, H.S., see A.M. Aldridge 30B (1969) 165
Plendl, H.S., see R. Holub 43B (1973) 375
Pless, I.A., see D.B. Bastien 50B (1974) 290
Plesser, I., see G. Goldring 25B (1967) 538
Plesser, I., see E. Abramson 26B (1967) 723; 29B (1969) 304; 38B (1972) 70
Plishkin, Yu.M., B.A. Greenberg, Erratum 22B (1966) 719
Plouin, F., see W.F. Baker 23B (1966) 605; 25B (1967) 361
Plouin, F., see J. Banaigs 24B (1967) 317
Pluhař, Z., Group-theoretical decomposition of effective interactions in the sd-shell 29B (1969) 293
Pluhař, Z., Group-theoretical decomposition of effective interactions in the fp-shell 34B (1971) 475
Pniewski, J., see A. Bamberger 36B (1971) 412
Poate, J.M., see F.C. Barker 21B (1966) 318
Podolsky, W.J., see H.H. Bingham 41B (1972) 635
Podolsky, W.J., see V. Eckhardt 43B (1973) 240
Poe, R.T., see M. Ferro-Luzzi 34B (1971) 524
Poe, R.T., see A. Kernan 41B (1972) 163
Poe, R.T., see A. Bertin 41B (1972) 201; 42B (1972) 493
Poe, R.T., see Y.T. Oh 42B (1972) 497
Poeltz, G., see H. Koch 29B (1969) 140
Poelz, G., see G. Backenstoss 25B (1967) 365, 547; 31B (1970) 233; 36B (1971) 403; 43B (1973) 539
Poelz, G., see H. Daniel 26B (1967) 281
Poelz, G., H. Schmitt, L. Tauscher, G. Backenstoss, S. Charalambus, H. Daniel, H. Koch, Pionic 3d–2p transitions 26B (1967) 331
Poelz, G., see H. Schmitt 27B (1968) 530
Poelz, G., see H. Koch 28B (1969) 279
Poelz, G., see G. Buschhorn 33B (1970) 241; 37B (1971) 207, 211
Poffé, N., see P. Colobani 42B (1972) 197; 48B (1974) 315
Pogidaev, V., see A. Babaev 38B (1972) 342
Poirier, C.P., see S. Maripuu 41B (1972) 148
Poirier, J.A., see G. Fidecaro 23B (1966) 163
Poirier, J.A., see I. Derado 24B (1967) 112
Poirier, J.A., see N.N. Biswas 27B (1968) 513
Poirier, J.A., see B.J. Deery 31B (1970) 82
Poirier, J.A., see P.H. Stuntebeck 32B (1970) 391
Poitou, J., see C. Signarbieux 39B (1972) 503
Pokorski, S., see P. Pirilä 43B (1973) 502
Pokorski, S., see D. Drijard 43B (1973) 509
Pokotilovsky, Yu.N., see L.V. Groshev 34B (1971) 293
Pokrovsky, Yu.E., see V.F. Demin 47B (1973) 394
Polacco, E., see A. Placci 32B (1970) 413
Polacco, E., see J. Bailey 33B (1970) 369; 50B (1974) 403
Polaschegg, H.D., see F. Dydak 37B (1971) 375

Poletti, A.R., see D.B. Fossan 24B (1967) 38
Polga, T., see H.W. Kugel 32B (1970) 463
Polgar, E., see P. Astbury 22B (1966) 537; 23B (1966) 160, 396
Polgar, E.E., see M. Pepin 26B (1967) 35
Polgar, E., see W. Beusch 25B (1967) 357; 28B (1969) 211; 46B (1973) 477
Polgar, E., see P. Le Du 44B (1973) 390
Polichar, R.M., see A.J. Armini 21B (1966) 335
Polichar, R.M., see W.S. Gray 26B (1967) 383
Polkinghorne, J.C., see P.V. Landshoff 34B (1971) 621; 40B (1972) 463; 44B (1973) 293; 45B (1973) 361
Polkinghorne, J.C. Quark-quark interactions and high energy process 49B (1974) 277
Pollak, R., see S. Koički 32B (1970) 351
Pollarolo, G., see R.A. Broglia 50B (1974) 295
Pollitzer, A., see L. Jarczyk 39B (1972) 191
Poloskov, S.S., see V.B. Braginsky 33B (1970) 613
Polozov, A.D., see A.G. Sitenko 50B (1974) 229
Pols, C.L., see K. Böckmann 28B (1969) 72
Polsky, L., see B. Rosner 27B (1968) 450
Polyakov, A.M., see A.A. Migdal 48B (1974) 239
Pomeranchuk, I.Ya., see V.N. Gribov 24B (1967) 554
Pomorski, L., J. Tys, V.V. Volkov, Angular distributions of ^{17}N nuclei from the three-neutron transfer reactions 23B (1966) 369
Pompei, A., see B. Bosco 32B (1970) 236
Pompei, A., see F. Erdas 32B (1970) 659
Ponomarev, L.A., see L.A. Kondratyuk 27B (1968) 655
Pons, Y., see V.V. Ammosov 42B (1972) 519
Pons, Y., see K. Paler 48B (1974) 151
Ponta, T., see E.G. Bubelev 24B (1967) 246
Ponta, T., see O. Balea 39B (1972) 571
Ponta, T., see E. Balea 46B (1973) 389
Ponta, T., see Alma ... collaboration 48B (1974) 277
Pontecorvo, B., Superweak interactions and double beta decay 26B (1967) 630
Pontecorvo, B., see V. Gribov 28B (1969) 493
Pontecorvo, B., see D.Yu. Bardin 32B (1970) 68, 121
Pontecorvo, B., On the possible existence of hadron isomers 39B (1972) 346
Poole, F., see A.D. Martin 25B (1967) 343
Pope, B.G., see F.W. Büsser 46B (1973) 471; 48B (1974) 371, 377
Pope, C., see C.O. Blyth 33B (1970) 211
Popov, N.P., see A.P. Bukhvostov 24B (1967) 497
Popov, S., see O. Adamović 21B (1966) 716
Popov, V.N., see L.D. Faddeev 25B (1967) 29
Popov, V.P., see G.Ya. Korenman 40B (1972) 628
Popov, V.S., see V.N. Gribov 32B (1970) 129, 724
Popov, Yu.P., see J. Kvítek 22B (1966) 186
Popov, Yu.P., see W.J. Furman 44B (1973) 465
Popova, A.M., see V.V. Komarov 28B (1969) 476; 34B (1971) 275
Popova, An.M., see M.N. Mnatsakanova 40B (1972) 174
Popova, V., see O. Balea 39B (1972) 571
Popova, V., see Alma ... collaboration 48B (1974) 277

Popp, M., see C. Broude 39B (1972) 185
Poppleton, A., see H. Muirhead 29B (1969) 448
Porte, J.P., see R. Armenteros 24B (1967) 198; 28B (1969) 521
Porte, J.P., see R.J. Miller 34B (1971) 230
Porter, A.C., see P. Richard 29B (1969) 649
Porter, F.T., see C.P. Bhalla 23B (1966) 116
Porth, P., see J. Bartsch 28B (1969) 439
Porth, P., see R. Speth 29B (1969) 252
Porth, P., see J.V. Beaupré 34B (1971) 160
Posch, N., see R. Arnold 36B (1971) 261
Posch, M., see Alma ... collaboration 48B (1974) 277
Poschet, G., see D. Harder 24B (1967) 519
Pose, A., see F. Crijns 22B (1966) 533
Pose, A., see H.G. Hilpert 23B (1966) 707; 27B (1968) 474
Pose, A., see R. Erbe 27B (1968) 54
Pose, D., see J. Bartsch 22B (1966) 357; 28B (1969) 439; 33B (1970) 186
Pose, D., see F. Crijns 22B (1966) 533
Pose, D., see M. Aderholz 24B (1967) 434
Poskanzer, A.M., G.W. Butler, E.K. Hyde, J. Cerny, D.A. Landis, F.S. Goulding, Observation of the new isotope ^{17}C using a combined time-of-flight particle-indentification technique 27B (1968) 414
Poskanzer, A.M., see B.L. Tracy 34B (1971) 277
Posocco, M., see A. Brabson 42B (1972) 283, 287
Possoz, A., D. Favart, L. Grenacs, J. Lehmann, P. Macq, D. Meda, L. Palffy, J. Julien, C. Samour, Measurement of the average polarization of ^{12}B produced by polarized muons in the $\mu^- + {}^{12}C \to \nu_\mu + {}^{12}B$ reaction 50B (1974) 438
Poster, R., see F.T. Dao 45B (1973) 73, 399, 402
Poster, R., see T. Ludham 48B (1974) 449
Postma, H., see L. Niesen 24B (1967) 144
Postma, H., see E.R. Reddingius 41B (1972) 301
Postoev, B.E., see V.I. Belousov 43B (1973) 76
Potashnikova, I., see C. Bruneton 44B (1973) 471
Potgieter, J.M., W.E. Frahn, Analysis of elastic and inelastic nuclear scattering 21B (1966) 211
Potokar, M., The complex coupling interaction in the radiative capture of fast nucleons 46B (1973) 346
Potter, D., see B.D. Hyams 24B (1967) 634
Potter, D.C., see B.D. Hyams 29B (1969) 128, 521
Potter, K., see B. Alper 44B (1973) 527
Potter, K.M., see P.C. Barber 32B (1970) 214
Pouchon, M.A., see A.M. Cnops 22B (1966) 546; 26B (1967) 398; 27B (1968) 113
Pouchon, M.A., see R.A. Bowen 24B (1967) 206
Pouchon, M.A., see J.P. Dufey 26B (1967) 410; 29B (1969) 605
Pougheon, F., see W. von Oertzen 28B (1969) 482
Poulard, G., A. Givernaud, A. Borg, New measurement of the Λ lifetime 46B (1973) 135
Poulet, M., A. Michalowicz, K. Kuroda, D. Cronenberger, G. Coignet, Mesure des paramètres D et R' de triple diffusion élastique proton–deuton a 135 MeV 22B (1966) 636

Poulet, M., see M. Borghini 31B (1970) 405; 36B (1971) 493, 497, 501
Poulet, M., see H. Aoi 35B (1971) 90
Poutissou, J.M., see W. Del Bianco 29B (1969) 299
Poutissou, J.M., see N. Marquardt 48B (1974) 9
Poux, J.P., see B. Bouquet 26B (1967) 178
Pouxe, J., see J. Arvieux 32B (1970) 468
Povel, H.P., see G. Backenstoss 31B (1970) 233; 36B (1971) 403, 422; 43B (1973) 539
Povel, H.P., H. Koch, W.D. Hamilton, S. Charalambus, G. Backenstoss, Muon capture probability in isotopes of bromine 33B (1970) 620
Povh, B., see D. Schwalm 29B (1969) 103
Povh, B., see A. Bamberger 33B (1970) 233; 36B (1971) 412
Povh, B., see U. Smilansky 38B (1972) 293
Povh, B., see P. Taras 41B (1972) 295
Povh, B., see M.A. Faessler 46B (1973) 468
Powell, D.L., see G.M. Crawley 26B (1967) 576
Powell, S.T., see L.W. Jones 36B (1971) 509
Powell, T., see P.R. Robrish 31B (1970) 617
Powers, J.T., see M. Alston-Garnjost 39B (1972) 402
Powers, R.J., see R.D. Ehrlich 23B (1966) 468
Powers, R.J., see D.A. Jenkins 32B (1970) 267
Pozharova, E.A., see A.O. Weissenberg 48B (1974) 474
Pradal, J., see P. Loncke 22B (1966) 320
Pradhan, H.C., C.M. Shakin, Comparison of the spectra ^{18}O and ^{18}F calculated with Woods–Saxon and harmonic–oscillator wave functions 37B (1971) 151
Pradhan, H.C., A note on the treatment of the projection–operator in the nuclear G-matrix equation 41B (1972) 281
Prakash, Y., see A. Gurtu 50B (1974) 391
Prange, H., P. Kienle, Mössbauer effect in ^{157}Gd 23B (1966) 681
Pratap, M., see T. Ludham 48B (1974) 449
Pratap, M., see R. Singer 49B (1974) 481
Prats, F., see J.M. Knight 22B (1966) 322; 23B (1966) 491
Prats, F., see J.S. O'Connell 26B (1967) 197
Pratt, J.C., W.T. Kaune, W.L. Lakin, M.L. Perl, E.W. Petraske, J. Tenenbaum, W.T. Toner, A spark chamber measurement of the reactions $\pi^{\pm} + p \to p^{\pm} + p$ at 15 GeV/c 41B (1972) 383
Preedom, B.M., E. Newman, J.C. Hiebert, Distorted wave predictions of observed J dependence in the (d, ^{3}He) reaction 22B (1966) 657
Preedom, B.M., see C.J. Maggiore 33B (1970) 571
Preedom, B.M., see W. Benenson 43B (1973) 117
Preedom, B.M., see F. Petrovich 46B (1973) 141
Prentice, J.D., see T.S. Yoon 24B (1967) 307
Prentice, J.D., see J. Lynch 35B (1971) 457
Prentice, M., see B. Alper 44B (1973) 521, 527; 46B (1973) 265; 47B (1973) 75, 275
Prentice, M.N., see H.C. Kirkman 32B (1970) 519
Preparata, G., see R. Gatto 21B (1966) 459; 50B (1974) 479
Preparata, G., see N. Cabibbo 25B (1967) 31, 132
Preparata, G., A calculation of the $K^+ \to \pi^+\pi^0$ decay 34B (1971) 412
Preparata, G., Light cone and vector meson dominance in photo and electro-production 36B (1971) 53

Preparata, G., see G. Altarelli 39B (1972) 371
Preparata, G., A BPH approach to weak interactions 40B (1972) 250
Preparata, G., VMD versus PCAC in $\pi^0 \to \gamma\gamma$ 44B (1973) 165
Preparata, G., see N.S. Craigie 45B (1973) 487
Preparata, G., see M. De Vincenzi 46B (1973) 431
Preparata, G., Exlusive electroproduction in a massive quark model: the production of vector mesons 49B (1974) 374
Prepost, R., see G. Conforto 45B (1973) 154
Presser, G., see S. Gjesdal 40B (1972) 152; 44B (1973) 217
Presser, G., see C. Geweniger 48B (1974) 483, 487
Preston, M.A., see P. Grange 42B (1972) 35
Prestwich, W.V., see R.A. Carrigan Jr. 27B (1968) 622
Pretzl, K.P., see W.F. Baker 28B (1969) 291
Pretzl, K., see B.A. Barnett 34B (1971) 655
Prévost, J., see R. Armenteros 28B (1969) 521
Prévost, J., see V.V. Ammosov 42B (1972) 519
Prévost, J., see H. Blumenfeld 45B (1973) 525, 528
Price, D.L., see R.E. Chrien 25B (1967) 195
Price, P.B., R.L. Fleischer, Are fission tracks in meteorites from super-heavy elements? 30B (1969) 246
Price, P.B., see D. O'Sullivan 34B (1971) 49
Price, L.R., see M. Roos 33B (1970) 1
Price, L.R., see A.D. Brody 34B (1971) 665
Price, R.R., R.E. Berg, E.O. Salant, J.W. Waters, M.S. Webster, A. Weinberg, Evidence for an $n\pi^-\pi^-$ enhancement at a mass of 1.627 GeV/c^2 in $K^-d \to p_s \pi^+\pi^-\pi^- n\bar{K}^0$ at 4.91 GeV/c 33B (1970) 533
Prickett, W.F., see K.F. Galloway 27B (1968) 250
Priest, J.R., see J.S. Vincent 25B (1967) 81
Priest, J.R., Dependence of integrated cross sections on the rotational states of ^{23}Na in the reaction ^{25}Mg(d, α)^{23}Na at 21 MeV 27B (1968) 497
Pripstein, M., see J.E. Nelson 47B (1973) 281
Pritchard, T.W., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Pritchett, P.L., N.S. Thornber, J.D. Walecka, P.A. Zucher, The model dependence of the N(ee')N* form factors 27B (1968) 168
Pritchett, P.L., N.G. Deshpande, Calculation of the induced pseudotensor term in Λ beta decay 41B (1972) 311
Probst, H.-J., see R.M. Lieder 39B (1972) 196
Prochnow, N.H., see E.G. Bilpuch 35B (1971) 303
Proctor, I.D., see G.F. Trentelman 35B (1971) 570
Proctor, I.D., see W. Benenson 43B (1973) 117
Procureur, J., see M. Hontebeyrie 36B (1971) 98
Proetel, D., R.M. Diamond, F.S. Stephens, Nuclear deformations in ^{186}Hg lifetime measurements 48B (1974) 102
Prokes, A., see Berlin ... collaboration 48B (1974) 257
Prokes, A., see K.F. Albrecht 48B (1974) 393
Prokhorov, S.N., see V.I. Belousov 43B (1973) 76
Prokoshkin, Yu.D., see I.M. Vasilevsky 23B (1966) 281
Prokoshkin, Yu.D., see A.F. Dunaitsev 23B (1966) 283

Prokoshkin, Yu.D., see Yu.B. Bushnin 29B (1969) 48
Prokoshkin, Yu.D., see Yu.M. Antipov 29B (1969) 245; 30B (1969) 576; 34B (1971) 164
Prokoshkin, Yu.D., see J.V. Allaby 30B (1969) 500
Prokoshkin, Yu.D., see F. Binon 30B (1969) 506, 510; 31B (1970) 230
Prokoshkin, Yu.D., see S.P. Denisov 34B (1971) 67
Prokoshkin, Yu.D., see P.D. Denisov 36B (1971) 415, 528
Prokoshkin, Yu.D., see V.N. Bolotov 38B (1972) 120; 48B (1974) 280
Prokoshkin, Yu.D., see V.I. Belousov 43B (1973) 76
Pronko, J.G., see R.A. Lindgren 32B (1970) 103
Propach, E., see H.G. Hilpert 27B (1968) 474
Propach, E., see K. Boesebeck 34B (1971) 659
Propach, E., see J.V. Beaupre 37B (1971) 432
Prosperi, D., see P. Nunberg 40B (1972) 529
Proskurin, G., see C. Bruneton 44B (1973) 471
Proskurin, G.P., see A.A. Derevshchikov 47B (1973) 473
Protopopescu, S.D., see M. Alston-Garnjost 33B (1970) 607; 34B (1971) 156; 36B (1971) 152
Protopopescu, S.D., see S.A. Flatté 34B (1971) 551
Protopopescu, S.D., see S.M. Flatté 38B (1972) 232
Protopopescu, S.D., see M.R. Pennington 40B (1972) 105
Protopopescu, S.D., see S.U. Chung 47B (1973) 526
Provost, J.P., see J.M. Lévy-Leblond 26B (1967) 104
Pruess, K., W. Greiner, Potentials for fast and slow heavy-ion-collisions within the two center shell model 33B (1970) 197
Prugovečki, E., On the *T*-matrix formula for multichannel Coulomb scattering 49B (1974) 305
Prünster, S., C.L. Wang, L.C.L. Yuan, J. Oostens. Transition radiation from relativistic charged particles passing aluminium and silver foils 28B (1969) 47
Prünster, S., see L.C.L. Yuan 31B (1970) 603
Pruss, S.M., see S.P. Ying 30B (1969) 289
Prussin, S.G., see D.R. Slaughter 38B (1972) 22
Pryor, R.J., F. Rösel, J.X. Saladin, K. Alder, Interference between Coulomb and nuclear excitation of ^{114}Cd by alpha particles 32B (1970) 26
Przyborski, W., see J. Chwaszeczewska 24B (1967) 87
Pu, W.W.T., see R.M. Krishnan 47B (1973) 225
Pucknell, V., see J.M. Irvine 44B (1973) 16
Pugh, H.G., P.G. Roos, A.A. Cowley, V.K.C. Cheng, R. Woody, The (p, 2p) reaction on ^{2}H, ^{3}He and ^{4}He 46B (1973) 192
Pugliese, A., see M.L. Paciello 24B (1967) 431
Pühlhofer, F., R. Bock, Distorted-wave analysis of the ^{16}O(^{3}He, p)^{18}F reaction at 18 MeV 25B (1967) 117
Pühlhofer, F., see K.H. Maier 35B (1971) 401
Pühlhofer, F., see W.F.W. Schneider 46B (1973) 195
Pullia, A., see L. Behr 22B (1966) 540
Pullia, A., see E. Fiorine 25B (1967) 602
Pullia, A., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Pullia, A., see F.J. Hasert 46B (1973) 121, 138
Pullen, D.J., see B. Rosner 24B (1967) 454
Pullen, D.J., see H.T. Fortune 36B (1971) 215

Pumplin, J., see F.J. Gilman 31B (1970) 387
Pusterla, M., see D. Bessis 25B (1967) 279
Pusterla, M., see E. Remiddi 27B (1968) 34
Put, L., see P. Schwandt 30B (1969) 30
Put, L.W., P.P. Urone, A.M.J. Paans, Scattering of 30 MeV protons from ^{28}Si, ^{58}Ni and ^{120}Sn at large backward angles 35B (1971) 311
Put, L.W., A.M.J. Paans, Evidence for an energy dependent form factor of the α-particle optical potential 49B (1974) 266
Pyatov, N.I., see M.I. Chernej 27B (1968) 117
Pyatov, N.I., see A.A. Kuliev 28B (1969) 443
Pyatov, N.I., see M.I. Baznat 31B (1970) 192
Pyatov, N.I., see S.I. Gabrakov 36B (1971) 275
Pyatov, N.I., see S.K. Abdulvagabova 38B (1972) 215
Pyle, G.J., see G.W. Greenlees 26B (1968) 658
Pyle, G.J., see B.W. Allardyce 41B (1972) 577
Pyle, G.J., see A.S. Clough 43B (1973) 476

Quarati, P., see F. Erdas 32B (1970) 659
Quareni, G., see R. Vanderhagen 24B (1967) 493
Quareni, G., see N. Armenise 25B (1967) 53; 26B (1967) 336
Quareni-Vignudelli, A., see P. Fleury 26B (1968) 682, 686
Quareni-Vignudelli, A., see R. Vanderhagen 24B (1967) 493
Quareni-Vignudelli, A., see N. Armenise 25B (1967) 53; 26B (1967) 336
Quarrie, D., see B. Alper 44B (1973) 521, 527; 46B (1973) 265; 47B (1973) 75, 275
Quassiati, B., see R. Cester 21B (1966) 343
Quassiati., see K. Böckmann 28B (1969) 72
Queen, N.M., see A.D. Martin 29B (1969) 311
Queen, N.M., see O.V. Dumbrais 32B (1970) 65
Quentin, P., see M. Cailliau 46B (1973) 11
Quentin, P., see H. Flocard 46B (1973) 304
Quentin, P., see M.A. Deleplanque 46B (1973) 317
Quentin, Ph., see C. Titin-Schnaider 49B (1974) 213, 397
Quercigh, E., see H.W. Atherton 30B (1969) 494; 42B (1972) 522; 43B (1973) 249
Quesne, C., see O. Bohigas 26B (1967) 562
Quesne, C., see M. Moshinsky 29B (1969) 482
Quesne, C., Effective many-body forces in the nuclear $1f_{7/2}$ shell 31B (1970) 7
Quesne, C., Study of the validity of the Gaussian approximation for the nuclear spectral distributions in a solvable model 43B (1973) 463
Quigg, C., see J.D. Jackson 29B (1969) 236; 33B (1970) 444
Quigg, C., see A.S. Goldhaber 30B (1969) 249; 31B (1970) 620
Quigg, C., L.L. Wang, Deuteron screening at high energies: an application of triple-Regge analysis 43B (1973) 314
Quigg, C., J.R. Freeman 47B (1973) 39
Quinn, H., see T. Appelquist 39B (1972) 229
Quinquard, J., see N. Armenise 25B (1967) 53; 26B (1967) 336
Quinquard, J., see J.N. Carney 42B (1972) 124
Quinquard, J., see V.A. Bumazshnov 50B (1974) 283
Quinquard, J., see J. Derre 50B (1974) 287
Quintanilla, J., see M. Kushner 23B (1966) 572
Quinton, A.R., see G.F. Hamilton 22B (1966) 312
Quirk, T.W., see D.R. Botterill 31B (1970) 325
Quitmann, D., see E. Münck 24B (1967) 392
Quitmann, D., J.M. Jaklevic, D.A. Shirley, Observation of NMR in an isomeric state following a nuclear reaction 30B (1969) 329
Quitmann, D., see S. Koički 32B (1970) 351

Rabbat, J.A., G. Do Dang, Two particle – two hole mixing in Hartree–Fock calculations 35B (1971) 480
Rabe, E., see V. Eckhardt 43B (1973) 240
Rabie, A., see R.F. Barrett 35B (1971) 551
Rabin, M., see C. Baltay 25B (1967) 160
Rabin, M.S., see M. Alston-Garnjost 33B (1970) 607; 34B (1971) 156; 36B (1971) 152; 39B (1972) 402
Rabin, M.S., see S.M. Flatté 34B (1971) 551; 38B (1972) 232
Rabin, M.S., see H.H. Bingham 41B (1972) 635
Rabin, M.S., see S.U. Chung 47B (1973) 526
Rabinovici, E., see H. Harari 43B (1973) 49
Rabl, A., N.W. Reay, What can we measure in ρ-ω interference experiments 47B (1973) 29
Rabotnov, N.S., G.N. Smirenkin, A.S. Soldatov, L.N. Ysachev, S.P. Kapitza, Yu.M. Tsipeniuk, Angular distribution of photofission fragments near threshold 26B (1967) 218
Rabotnov, N.S., N.S. Seregin, On the phenomenological theory of the collective nuclear excitations 29B (1969) 162
Rabotnov, N.S., see A.V. Ignatyuk 29B (1969) 209
Rabotnov, N.S., see E.V. Gai 34B (1971) 563
Rabotnov, N.S., see A.P. Budnik 39B (1972) 311; 46B (1973) 155
Raboy, S., see R.A. Carrigan Jr. 27B (1968) 622
Radchenko, V.V., see D.V. Volkov 36B (1971) 83
Radeka, V., see J. Fischer 49B (1974) 393
Rader, R., see I. Videau 41B (1972) 213
Rader, R.K., see J.S. Danburg 30B (1969) 270
Radermacher, E., see H. Foeth 30B (1969) 276, 282; 31B (1970) 544
Radermacher, E., see M. Cullen 32B (1970) 523
Radermacher, E., see P. Darriulat 33B (1970) 249, 433
Radermacher, E., see M. Holder 35B (1971) 355, 361; 36B (1971) 400; 40B (1972) 141
Radermacher, E., see G. Barbiellini 43B (1973) 529
Radhakant, S., Quasi-free electron scattering and the independent particle model 40B (1972) 70
Radojicic, D., see R.B. Palmer 26B (1967) 323
Radojicic, D., see R.T. Rosse 38B (1972) 177
Radvanyi, P., see D. Bachelier 21B (1966) 697; 26B (1967) 283; 44B (1973) 44
Radvanyi, P., see M. Bernas 25B (1967) 260, 474
Radvanyi, P., see M. Roy 29B (1969) 95
Rafelski, J., see B. Müller 47B (1973) 5
Rafelski, J., see A. Klein 49B (1974) 318
Raghavan, R.S., Influence of a randomly oriented collinear combines interaction on angular correlations 22B (1966) 318
Raghavan, R.S., see J. Fechner 26B (1967) 374
Raghavan, R.S., see R. Simon 28B (1969) 590
Raghavan, R.S., see E. Knapek 29B (1969) 581
Ragnarsson, I., see S.E. Larsson 38B (1972) 269; 47B (1973) 422
Ragnarsson, I., see R.K. Sheline 41B (1972) 115
Rahm, D., see D. Berley 30B (1969) 430
Rahm, D.C., see A.S. Carroll 45B (1973) 531
Rahman, I.U., see W.G. Jones 23B (1966) 597
Rahman, I.U., see D.M. Binnie 27B (1968) 106
Rai Choudhury, S., B.S. Bhakar, V.S. Bhasin, On the difference of binding energies of ^{3}H and ^{3}He nuclei 21B (1966) 430

Railton, R., see H.C. Kirkman 32B (1970) 519
Raisbeck, G.M., see T.D. Thomas 27B (1968) 504
Raisbeck, G.M., see J. Lestringuez 36B (1971) 331
Raj, R., M.L. Rustgi, R.P. Singh, Nuclear energy levels of ^{51}V and ^{59}Ni 28B (1969) 468
Raj, R., see R.P. Singh 44B (1973) 409
Rajaraman, R., Ω^- decay modes 22B (1966) 102
Rajaraman, R., see J. Finkelstein 36B (1971) 459
Rajaraman, R., Some consequences of the vanishing of the triple-pomeronchukon-vertex 40B (1972) 392
Rajaraman, R., The decoupling of the Pomeranchuk pole from all inelastic processes 42B (1972) 271
Rajaraman, R., Effect of nucleon correlations on pion condensation in neutron stars 48B (1974) 179
Rajaratnam, V., see B.W. Allardyce 41B (1972) 577
Rajasekaran, G., see S.C. Chhajlany 35B (1971) 166
Rajewski, J., M.W. Kirson, Force dependence of 0^+ states in ^{208}Bi 38B (1972) 162
Rakivnenko, Yu.N., A.P. Klyucharev, V.A. Lutsik, E.A. Skakun, I.A. Romaniy, K.-H. Kaun, W. Neubert, W. Schulze, F. Stary, L.K. Peker, E.I. Volmyanski, A high-spin isomer in ^{204}Bi 44B (1973) 462
Ram, B., J.R. James, On the binding energy of a Λ-particle in nuclear matter 28B (1969) 372
Ram, B., J.R. James, Erratum 29B (1969) 227
Ram, B., W. Williams, Second-order correction to the Λ binding energy in nuclear matter 31B (1970) 49
Ram, M., see C.W. Kim 27B (1968) 306
Ramachandran, R., see V.M. Raval 46B (1973) 91
Ramamurthy, V.S., see R. Ramanna 21B (1966) 437
Ramamurthy, V.S., S.S. Kapoor, Statistical properties of excited nuclei and the determination of the ground-state shell correction energies 42B (1972) 399
Raman, K., E.C.G. Sudarshan, Current algebras and generalized Ward–Takahashi identities 21B (1966) 450
Raman, S., N.B. Gove, J.K. Dickens, T.A. Walkiewicz, Log ft values for second-forbidden β-transitions and the decay of ^{24}Na 40B (1972) 89
Raman, S., H.J. Kim, T.A. Walkiewicz, M.J. Martin, The disintegration energy of ^{113}Sn. Why have P_L/P_K measurements yielded incorrect values? 44B (1973) 255
Raman, S., R.L. Auble, W.T. Milner, An E5 transition in ^{123}Te and E5 transitions in general 47B (1973) 19
Ramana Murthy, P.V., On some new production processes for $\approx 10^{12}$ eV muons 28B (1969) 38
Ramana Murthy, P.V., see E.F. Parker 31B (1970) 246
Ramana Murthy, P.V., A. Subramanian, Test of scale invariance in pion production at high energies using cosmic ray primary nucleon and sea level muon intensities 39B (1972) 646
Ramanauskas, A., see W.W. Ash 24B (1967) 165
Ramanna, R., V.S. Ramamurthy, The shell model and the stochastic theory of fission 21B (1966) 437
Ramaswamy, M.K., K X-ray γ-ray directional correlation in the decay of ^{65}Zn, ^{85}Sr, ^{113}Sn and ^{133}Ba 27B (1968) 215
Ramavataram, K., Excited states of ^{31}P and the Nilsson model 21B (1966) 690
Ramavataram, K., Erratum 22B (1966) 719
Ramavataram, K., see W.G. Davies 27B (1968) 363
Ramavataram, K., see Q. Ho-Kim 31B (1970) 5
Ramavataram, S., An estimate of isospin mixing correction factors to Coulomb displacement energies 32B (1970) 239
Ramayya, A.V., J.H. Hamilton, S.M. Brahmavar, J.J. Pinajian, Precision gamma-ray energy measurements 24B (1967) 49
Ramesh Chand, Quark model calculations of meson baryon scattering 26B (1967) 535

Ramirez, J.J., H.R. Weller, R.A. Blue, Observation of the 13.42 MeV $T = \frac{3}{2}$ state in ^{15}N 32B (1970) 361
Ramirez, J.J., see R.E. Shamu 45B (1973) 241
Ramm, C.A., see I. Budagov 29B (1969) 524; 30B (1969) 364
Ramm, C.A., see D.C. Cundy 31B (1970) 478
Ramm, C.A., see T. Eichten 40B (1972) 593
Ramond, P., Construction of pomeron states in the zero-width approximation 47B (1973) 152
Ramsay, V., see P. Dougan 46B (1973) 359; 49B (1974) 194
Rand, R.E., see R.F. Frosch 21B (1966) 598; 24B (1967) 54
Randolph, J.K., see N. Hicks 29B (1969) 602
Randolph, W.L., N. Ayres de Campos, J.R. Beene, J. Burde, M.A. Grace, D.F.H. Start, R.E. Warner, A time-differential measurement of the hyperfine structure of the 6.13 MeV state in highly ionized ^{16}O atoms 44B (1973) 36
Ranft, G., J. Ranft, The velocity weight function $F(\lambda)$ of the thermodynamical model and the multi-Regge model 32B (1970) 207
Ranft, G., see J. Ranft 38B (1972) 115; 49B (1974) 286
Ranft, G., J. Ranft, Rapidity correlations in inclusive two pion production and a multi-peripheral-thermodynamic model 40B (1972) 131
Ranft, G., J. Ranft, Inclusive two-particle rapidity correlations at ISR energies and fire-ball productions 45B (1973) 43
Ranft, J., Secondary particle production according to the thermodynamical model and new experimental data 31B (1970) 529
Ranft, J., see G. Ranft 32B (1970) 207; 40B (1972) 131; 45B (1973) 43
Ranft, J., Angular distributions of secondary particles in the thermodynamic model 33B (1970) 481
Ranft, J., Scaling hypothesis, limiting fragmentation and thermodynamic momentum spectra 36B (1971) 225
Ranft, J., G. Ranft, Scaling at very high energy and an emulsion experiment at the ISR 38B (1972) 115
Ranft, J., see E. Matthäus 40B (1972) 230
Ranft, J., Thermodynamic inclusive single particle spectra and particle production ratios at the ISR 41B (1972) 613
Ranft, J., G. Ranft, Semiinclusive two-particle correlations and independent cluster emission at ISR energies 49B (1974) 286
Rangacharyulu, C., see K. Yagi 44B (1973) 447
Rangan, L.K., see A. Larribe 23B (1966) 600
Rangan, L.K., see P.J. Litchfield 24B (1967) 486
Range, W.H., see P.S.L. Booth 38B (1972) 339
Range, W.H., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Rankin, W.A., see R.C.E. Devenish 36B (1971) 394; 47B (1973) 53
Rao, J.S., see P. Olesen 29B (1969) 233
Rao, N.K., see A. Gurtu 50B (1974) 391
Rapaport, J., see T.A. Belote 23B (1966) 480
Rapaport, J., see H.J. Young 26B (1967) 143
Rapaport, J., see W.E. Dorenbusch 26B (1967) 148; 37B (1971) 173
Rapaport, J., see J.B. Ball 30B (1969) 533
Raphael, R., H. Überall, C. Werntz, Neutron emission following muon capture in ^{16}O 24B (1967) 15
Raphael, R., H. Überall, C. Werntz, Erratum 25B (1967) 219
Rarita, W., see C.-F. Chan 47B (1973) 512
Rasera, R.L., see H. Blumberg 22B (1966) 328
Rasera, R.L., The form of the parity-mixed γ-γ angular correlation function 23B (1966) 569

Rashid, M.A., see D.A. Akyeampong 25B (1967) 336
Rashid, M.A., see R. Delbourgo 25B (1967) 475
Rashid, M.A., see V.S. Mathur 29B (1969) 514
Rasmussen, V.K., see S.W. Robinson 26B (1967) 298
Rasuvaev, E.A., see A.F. Dunaitsev 23B (1966) 283
Rasuvaev, E.A., see V.N. Bolotov 48B (1974) 280
Raszillier, I., On the isobar model for pion photoproduction 23B (1966) 378
Ratcliff, B., see P. Baillon 35B (1971) 453; 38B (1972) 555
Ratcliff, B.N., F. Bulos, R.K. Carnegie, E.E. Kluge, D.W.G.S. Leith, H.L. Lynch, B. Richter, H.H. Williams, S.H. Williams, Measurements of ρ-ω interference in the reaction $\pi^- p \to \pi^+ \pi^- n$ at 15 GeV/c 38B (1972) 345
Ratcliff, K.F., see F.S. Chang 23B (1966) 251
Ratcliffe, T.J., see J.C. Chollet 31B (1970) 658
Ratcliffe, T.J., see K.R. Schubert 31B (1970) 662
Rathje, J., see C. Driver 35B (1971) 77, 81
Ratti, S., see F. Conte 22B (1966) 702
Ratynski, W., see E. Warming 25B (1967) 200
Rau, R.R., see R.B. Palmer 26B (1967) 323
Rauch, F., see E. Obst 21B (1966) 50
Rauch, F., Study of the gamma decay of the first $d\frac{3}{7}$ analog state in ^{91}Nb 27B (1968) 560
Rauch, F., B. Seim, Compound contribution to the radiative width of the ground-state analog in ^{90}Zr 48B (1974) 33
Rauch, V., see S. Gorodetzky 24B (1967) 578
Rautenbach, W.L., see S.J. Mills 27B (1968) 207; 30B (1969) 481
Raval, V.M., R. Ramachandran, Light cone singularities in the high energy backward scattering 46B (1973) 91
Ravn, H.L., S. Sundell, L. Westgaard, Very neutron-deficient isotopes of Cs studied by on-line isotope separator techniques 39B (1972) 337
Ravndal, F., A model for diffractive processes 37B (1971) 300
Ravndal, F., On the azimuthal dependence of semi-inclusive, deep inelastic electroproduction cross sections 43B (1973) 301
Ravndal, F., On the pion form factor in the parton model 47B (1973) 63
Rawitscher, G.H., Effect of stripping channels on the elastic scattering of deuterons 21B (1966) 444
Rawitscher, G.H., Virtual nuclear excitation corrections to elastic electron scattering at low energies 33B (1970) 445
Rawitscher, G.H., R.A. Spicuzza, Relation between nuclear matter and nuclear potential in inelastic alpha-nucleus scattering 37B (1971) 221
Rawlinson, W.R., see T.A. Armstrong 34B (1971) 535
Rawls, J., see S. Deser 27B (1968) 460
Raynal, J., Calcul du spectra du modèle stretch 25B (1967) 173
Raynal, J., Sur le potentiel tensoriel du modèle optique pour deutons 29B (1969) 93
Raynal, J., see R. De Swiniarski 43B (1973) 27
Raynal, J., On the matrix elements of the permutation group in the hyperspherical formalism 45B (1973) 89
Raynal, J., see A.B. Kurepin 45B (1973) 184
Razuvaev, E.A., see Yu.B. Bushnin 29B (1969) 48
Ruzavaev, E.A., see F. Binon 30B (1969) 506, 510; 31B (1970) 230
Razuvaev, E.A., see Yu.M. Antipov 34B (1971) 164

Razuvaev, E.A., see V.N. Bolotov 38B (1972) 120
Rcheulishvily, G.L., see V.V. Ezhela 47B (1973) 501
Read, A.L., see J. Orear 28B (1969) 61
Read, B.J., see D.J. Broadhurst 34B (1971) 95
Read, E.J.C., see R.A. Donald 26B (1967) 327
Reading, D.H., see K.R. Chapman 21B (1966) 465
Ready, J.F., see E. Bernal 21B (1966) 720; 22B (1966) 240
Reale, A., see C. Bacci 28B (1969) 687; 38B (1972) 551; 39B (1972) 559
Reay, N.W., see A. Rabl 47B (1973) 29
Rebbi, C., see G. Calucci 37B (1971) 416
Rebbi, C., see L. Brink 45B (1973) 379
Rebel, H., see G. Hauser 27B (1968) 220
Rebel, H., see G.W. Schweimer 39B (1972) 627
Rebel, H., see M. Berg 42B (1972) 211
Rechnitsky, T.V., see E.V. Anzon 31B (1970) 237, 241
Reddingius, E.R., J.J. Bosman, H. Postma, Interference effects in the emission of gamma rays after capture of polarized neutrons by polarized ^{59}Co nuclei 41B (1972) 301
Rédei, L.B., Unitary model of pionization 48B (1974) 349
Redi, O., see R.L. King 31B (1970) 567
Reece, B.L., see G.R. Isaak 31B (1970) 63, 572
Reed, H.E., see L.J.B. Goldfarb 27B (1968) 140
Reed, M., see N. Mangelson 21B (1966) 661; 23B (1966) 140
Regge, T., see A. Molinari 41B (1972) 93
Regge, T., see R.A. Broglia 50B (1974) 295
Regler, M., see G. Neuhofer 37B (1971) 438; 38B (1972) 51; 39B (1972) 271; 41B (1972) 642
Regler, M., see M. Metcalf 40B (1972) 703
Regler, M., see H. Dibon 44B (1973) 313
Regler, M., see F. Niebergall 49B (1974) 103
Rehak, P., see W.D. Apel 40B (1972) 680; 41B (1972) 224, 542; 46B (1973) 459
Rehm, K.-E., W. Henning, R. Müller, M. Richter, H.-P. Rother, H. Schaller, Study of optimum Q-value in ^{16}O induced reactions on even Zr isotopes 46B (1973) 353
Reibel, K., see M. Borghini 31B (1970) 405
Reich, C.W., see M.E. Bunker 25B (1967) 396
Reich, C.W., see R.C. Greenwood 33B (1970) 213
Reichstein, I., F.B. Malik, Dependence of ^{16}O-^{16}O potential on the density ansatz 37B (1971) 344
Reide, F., see Y. Le Bornec 49B (1974) 434
Reif, R., Shell-model description of direct inelastic proton scattering from ^{18}O 23B (1966) 125
Reif, R., J. Slotta, J. Höhn, Excitation of non-normal parity states in inelastic proton scattering 26B (1967) 484
Reignier, J., see J.P. Baton 25B (19670 419; 33B (1970) 525, 528
Reimann, G., see H.G. Hilpert 23B (1966) 707
Rein, D., Valence quark dominance in inelastic neutrino interactions 43B (1973) 209
Reiner, A.S., see A.I. Jaffe 26B (1967) 351, 719
Reiner, A.S., On the anomalous effective range expansion for nucleon-deuteron scattering in the $S = \frac{1}{2}$ state 28B (1969) 387
Reinhard, P.-G., P. Lichtner, D. Drechsel, On the asymptotic behaviour of the asymmetry parameter in fission 49B (1974) 315
Reinharz, M., see W.E. Cleland 26B (1967) 45

Reintsema, S.R., see H. De Waard 33B (1970) 413
Reisdorf, W., P. Armbruster, Mean primary charge of light fragments from thermal neutron fission of ^{235}U 24B (1967) 501
Reiss, H., see H.V. Klapdor 49B (1974) 431
Reitan, A., Three-neutron resonance in the reaction $^{3}He(\pi^{-},\pi^{+})3n$ 35B (1971) 368
Reiter, W., see A. Von der Decken 41B (1972) 477
Rej, A.K., T. Engeland, A study of photoproduction of charged pions from ^{16}O 45B (1973) 77
Remiddi, E., see G. Furlan 21B (1966) 720
Remiddi, E., see D. Amati 22B (1966) 674
Remiddi, E., M. Pusterla, J.A. Mignaco, Low energy pion-nucleon phase shifts from a Padé approximants' approach 27B (1968) 34
Remiddi, E., see R. Barbieri 43B (1973) 411; 49B (1974) 468
Remmel, R.S., see W.T. Ford 38B (1972) 335
Renard, F.M., Y. Renard, Final state Λ-neutron interactions in $\gamma + d \to K^{+} + \Lambda + n$ 24B (1967) 159
Renard, F.M., A possible explanation of the Λ to Σ ratio in the isospin-1 S-wave $\bar{K}N$ reaction in a quark model description 26B (1967) 226
Renard, F.M., see M. Gourdin 30B (1969) 347
Renard, F.M., Are there oscillations in the $e^{+}e^{-} \to$ hadrons total cross-section? 40B (1972) 484
Renard, F.M., Meson and nucleon form factors with ρ, ω and φ dominance 47B (1973) 361
Renard, F.M., About a possible constancy of the total cross-section of the $e^{+}e^{-}$ annihilation into hadrons 49B (1974) 477
Renard, Y., see F.M. Renard 24B (1967) 159
Renard, Y., Electromagnetic ρ-φ mixing 44B (1973) 289
Renberg, P.U., see S. Kullander 34B (1971) 197
Renberg, P.-U., see P. Schwaller 35B (1971) 243
Rendić, D., see V. Valković 33B (1970) 208
Rendić, D., see W.E. Sweeney Jr. 37B (1971) 183
Renevey, J.Fr., see W.E. Cleland 26B (1967) 45
Renfordt, R., see H.H. Duhm 48B (1974) 1
Renner, B., On the existence of axial vector mesons 21B (1966) 453
Renner, B., On mutual connections between PCAC and current algebra 27B (1968) 391
Renner, B., see R.W. Griffith 27B (1968) 650
Renner, B., On the asymptotic behaviour of meson scattering amplitudes in chiral symmetry 30B (1969) 260
Renner, B., Empirical test of tensor meson dominance 33B (1970) 599
Renner, B., see S. Pallua 38B (1972) 105
Renner, B., Theoretical estimate of the meson nucleon sigma terms 40B (1972) 473
Rensfelt, K.G., see J. Kownacki 35B (1971) 153
Renton, P., see J.A. Danysz 24B (1967) 309
Renton, P., see H.J. Steiner 36B (1971) 521
Renton, P., see F. Romano 36B (1971) 525
Renton, P., see H. Braun 47B (1973) 182, 185
Repellin, J.-P., see J.C. Chollet 31B (1970) 658
Repellin, J.-P., see K.R. Schubert 31B (1970) 662
Repellin, J.-P., see B. Wolff 36B (1971) 517
Repellin, J.-P., B. Wolff, J.C. Chollet, J.-M. Gaillard, M.R. Jane, K.R. Schubert, Measurement of the $K_L^0 \to 2\gamma$ branching ratio and search for $K_S \to 2\gamma$ decays 36B (1971) 603
Repellin, J.-P., see D. Benaksas 39B (1972) 289; 42B (1972) 507, 511

Repellin, J.-P., see J. Badier 39B (1972) 414; 41B (1972) 387
Repellin, J.-P., see G. Cosme 40B (1972) 685; 48B (1974) 155
Repnow, R., see V. Metag 34B (1971) 257; 38B (1972) 19
Repnow, R., see F. Dickmann 38B (1972) 207
Rerikh, K.V., see V.A. Meshcheriakov 25B (1967) 341
Resmini, F., R.M. Lombard, M. Pignanelli, J.L. Escudie, A. Tarrats, New evidence for ground state deformation of ^{18}O 37B (1971) 275
Resmini, F.G., see R.J. Slobodrian 27B (1968) 405
Resmini, F.G., see A.D. Bacher 29B (1969) 573
Restelli, G., see E. Fiorini 25B (1967) 602
Restignoli, M., see M. Lusignoli 21B (1966) 229; 24B (1967) 296
Restignoli, M., G. Violini, Do K mesons violate the Pomeranchuk theorem? 31B (1970) 533
Resvanis, L., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Resvanis, L., see C.-Y. Chien 33B (1970) 627; 35B (1971) 261
Resvanis, L., see E. Dally 41B (1972) 647
Retz-Schmidt, T.W., see D. Evers 27B (1968) 423
Reucroft, S., see R.A. Donald 26B (1967) 327
Reuter, K., see R. Heusinger 49B (1974) 269
Revai, J., A simple model of low-energy K^-N scattering on bound nucleons 33B (1970) 587
Revel, D., see A. Larribe 23B (1966) 600
Revel, D., see P.J. Litchfield 24B (1967) 486
Revel, D., see L. Moscoso 32B (1970) 513
Revel, D., see G.R. Charlton 32B (1970) 720
Rey, G., see Barcelona ... collaboration 48B (1974) 467
Reya, E., see J.D. Kimel 42B (1972) 249
Reya, E., Low-energy kaon nucleon scattering and the magnitude of the sigma commutator 43B (1973) 213
Reynolds, B.G., J.R. Albright, E.B. Brucker, W.C. Harrison, B.C. Harms, J.D. Kimel, J.E. Lannutti, Negative pion-proton elastic scattering at 2.26 GeV/c 24B (1967) 311
Reynolds, B.G., see R.P. Wieckowicz 28B (1969) 199
Reynolds, G.M., see J.R. Maxwell 22B (1966) 454
Rezvaya, G.L., see E.G. Bubelev 24B (1967) 246
Rezwani, V., see H. Arenhövel 34B (1971) 249
Rhines, D.S., see T. Fields 40B (1972) 503
Rho, M., see V. Gillet 21B (1966) 82; 27B (1968) 483
Rho, M., On the Primakoff plot of muon capture in complex nuclei 24B (1967) 81
Rho, M., A. Sherwood, Simple relation between radiative pion absorption and muon capture in nuclei 28B (1969) 102
Rho, M., see M. Chemtob 29B (1969) 540
Rho, M., see A.M. Green 31B (1970) 189
Rho, M., see J. Delorme 34B (1971) 238
Rho, M., see M. Ericson 36B (1971) 93
Rho, M., see E.P. Harper 40B (1972) 533
Rho, M., see M.D. Shuster 42B (1972) 45
Rhode, J.I., see J.B. Kopelman 22B (1966) 118
Rhode, J.I., see R.E. Juhala 27B (1968) 257
Rhodes, W., see N. Freed 31B (1970) 45
Riazuddin, see Fayyazuddin 28B (1969) 561; 29B (1969) 262
Riazuddin, Fayyazuddin, Relation between the axial vector and magnetic moment form factors of nucleon 40B (1972) 583

Ribanský, I., P. Obložinský, Emission of complex particles in the exciton model 45B (1973) 318
Ribbe, W., see J. Bleck 26B (1967) 134; 28B (1969) 651; 32B (1970) 41
Ribrag, M., see C. Signarbieux 39B (1972) 503
Ricci, P., see M. Colocci 45B (1973) 224
Ricci, R.A., see P. Blasi 28B (1969) 555
Ricco, G., see L. Katz 28B (1969) 114
Richard, F., see J.E. Augustin 28B (1969) 503, 517; 31B (1970) 673
Richard, F., see J.C. Bizot 32B (1970) 416
Richard, F., see C. Baglin 47B (1973) 85, 89
Richard, J.M., see R. Vinh Mau 44B (1973) 1
Richard, P., W.G. Weitkamp, W. Wharton, H. Wieman, P. von Brentano, The proton decay of the $g_{\frac{9}{2}}^{9}$ analogue resonance in ^{209}Bi 26B (1967) 8
Richard, P., see R. Heffner 26B (1967) 150
Richard, P., see P. von Brentano 26B (1968) 666; 27B (1968) 163
Richard, P., see J.P. Bondorf 27B (1968) 5
Richard, P., F. Gabbard, A.C. Porter, F.F. Hopkins, The ^{88}Sr(p, γ)^{89}Y reaction near the $d_{\frac{5}{2}}$ ground-state analogue 30B (1969) 581
Richards, F.C., see E.M. Henley 30B (1969) 581
Richards, K.C., M.E. Rose, Non-radiative internal processes accompanying beta-decay 25B (1967) 501
Richards, K.C., see C.J. Noble 45B (1973) 315; 47B (1973) 319
Richards, T.J., see R.J. Ott 42B (1972) 133
Richard-Serre, C., see P. Schwaller 35B (1967) 243
Richardson, C., see R.B. Palmer 26B (1967) 323
Richardson, J.R., see A.J. Armini 21B (1966) 335
Richardson, J.R., see I. Šlaus 23B (1966) 358
Richardson, J.R., see C.C. Chang 28B (1969) 175
Richardson, J.R., see M.B. Epstein 36B (1971) 305
Richardson, R.W., see Hsi-Tseng Chen 34B (1970) 271
Richert, J., see G. Oberlechner 34B (1971) 174
Richert, J., Roton and shell-model 0^+ states for a (4p–4n) system in the $f_{7/2}$ shell 42B (1972) 395
Richert, J., see H.M. Hofmann 45B (1973) 421
Richter, A., see W. Von Witsch 22B (1966) 631
Richter, A., R.A. Chatwin, The mechanism of single-charge-exchange by pion and nucleon induced reactions 27B (1968) 181
Richter, A., see H.T. Fortune 30B (1969) 175
Richter, A., see W.G. Love 31B (1970) 167
Richter, A., E. Grosse, J. Hüfner, H.A. Weidenmüller, J.W. Tepel, Anomalies in the ^{89}Y(α, n)^{92}Nb cross section near isobaric analogue resonances 38B (1972) 349
Richter, A.N., see N. Marquardt 48B (1974) 9
Richter, B., see A.M. Boyarski 34B (1971) 547
Richter, B., see P. Baillon 35B (1971) 453; 38B (1972) 555
Richter, B., see B.N. Ratcliff 38B (1972) 345
Richter, M., see K.-E. Rehm 46B (1973) 353
Richter, W., see H.J. Mück 39B (1972) 303
Rickertsen, L.D., Remarks on absorptive potentials and heavy ion elastic scattering 41B (1972) 473
Rickertsen, L.D., P.D. Kunz, Microscopic calculations for (p, n) reactions to isobaric analogue states 47B (1973) 11
Rickey Jr., F.A., see D.L. Allan 27B (1968) 11

Rickey, M.E., see J.A. Nolen Jr. 21B (1966) 705
Riddle, R.A.J., see A.S. Clough 43B (1973) 476
Ridley, B.W., see R.L. Hutson 27B (1968) 153
Ridley, B.W., see P. Schwandt 30B (1969) 30
Ridley, B.W., see H.W. Baer 35B (1971) 395
Rieck, D., see A. Von der Decken 41B (1972) 477
Riedel, C., see K. Kubo 32B (1970) 29
Riedinger, M., see M. Banner 41B (1972) 547; 44B (1973) 537
Riegel, D., see N. Bräuer 34B (1971) 54; 37B (1971) 186
Riegel, D., N. Bräuer, B. Focke, A. Goldmann, J. Hadijuana, M. v. Hartrott, K. Nishiyama, The g-factor of the $13/2^+$ state in ^{207}Po and the mesonic contribution to the moment of the $i_{13/2}$-neutron 44B (1973) 456
Riegel, D., see G. Schäfer 46B (1973) 65
Riegel, D., N. Bräuer, F. Dimmling, B. Focke, K. Nishiyama, Magnetic moments of $11/2^-$ states in the Sn region 46B (1973) 170
Riehs, P., see F. Dydak 37B (1971) 375
Rieker, S., see H.G. Hilpert 27B (1968) 474
Rieseberg, H., see K.H. Althoff 37B (1971) 531, 535; 43B (1973) 237
Riesenfeldt, P., see U. Mosel 33B (1970) 565
Riess, F., see H.M. Kuan 25B (1967) 217
Riester, J.L., see R. Arnold 27B (1968) 466; 36B (1971) 261
Riester, J.L., see C. Baglin 29B (1969) 445
Riester, J.L., see M. Haguenauer 34B (1971) 219; 37B (1971) 538
Rihan, T.H., On high energy approximations in potential scattering theory 35B (1971) 133
Riley, B.R., see J.G. Fetkovich 35B (1971) 178
Riley, P.J., see H.R. Hiddleston 32B (1970) 425
Rimini, A., see A. Boiti 33B (1970) 553
Rimmer, E.M., see D.T. Chivers 26B (1967) 573
Rimmer, E.M., see J.J. Domingo 32B (1970) 309
Rimondi, F., see G. Giacomelli 31B (1970) 321
Rimondi, F., see V. Alles-Borelli 40B (1972) 433
Rimondi, F., see M. Bernardini 44B (1973) 393; 45B (1973) 169, 510; 46B (1973) 261
Rimpault, M., see Y. Noirot 26B (1967) 454
Rinat-Reiner, A.S., see W. Ebenhöh 29B (1969) 638
Rinat (Reiner), A.S., see Y. Avishai 36B (1971) 161; 37B (1971) 487
Rinat (Reiner), A.S., Evidence for the existence of highly excited bands of intermediate resonances describing quasi-molecular rotations 38B (1972) 281
Rinat (Reiner), A.S., see Y. Alexander 45B (1973) 190
Rinaudo, G., see K. Böckmann 28B (1969) 72
Ring, P., see H.R. Dalafi 44B (1973) 327
Ring, P., J. Speth, RPA-calculations in ^{208}Pb with a density dependent interaction 44B (1973) 477
Ringia, F.E., see E.F. Parker 31B (1970) 246, 250
Ringland, G., see F. Elvekjaer 44B (1973) 91
Ringland, G.A., see R.J.N. Phillips 21B (1966) 557; 40B (1972) 239
Ringland, G.A., see F. Drago 31B (1970) 647
Ringland, G.A., D.P. Roy, The real part of the non-flip amplitude in πN charge exchange scattering 36B (1971) 110
Ringo, G.R., see C.J. Christensen 28B (1969) 411
Riou, M., see W. von Oertzen 28B (1969) 482

Riou, M., see H. Doubre 29B (1969) 355
Riou, M., see P. Colombani 42B (1972) 197, 208; 48B (1974) 315
Ripa, P., see D.R.O. Bruno 43B (1973) 304
Ripka, G., L. Zamick, Magnetic moments with Hartree–Fock wave functions 23B (1966) 347
Ripka, G., L. Zamick, Collective three particle states of ^{43}Sc 23B (1966) 350
Ripka, G., see R. Padjen 29B (1969) 548
Ripka, G., see J. Zofka 34B (1971) 10
Risk, C., see M. Alston-Garnjost 39B (1972) 402
Riska, D.O., G.E. Brown, Tensor force and exchange currents in the triton beta decay 32B (1970) 662
Riska, D.O., see M. Chemtob 35B (1971) 115
Riska, D.O., M. Chemtob, Nature of the two-pion exchange contribution to the nuclear force 36B (1971) 313
Riska, D.O., G.E. Brown, Meson exchange effects in $n + p \rightarrow d + \gamma$ 38B (1972) 193
Riska, D.O., Two-pion exchange ΛN potential 40B (1972) 177
Riska, D.O., see H.J. Pirner 44B (1973) 151
Riska, D.O., see B. Verwest 47B (1973) 1; 48B (1974) 17
Riska, T., see A.D. Jackson 50B (1974) 207
Riskalla, R., see M. Bernheim 30B (1969) 412
Riskalla, R., see B. Bouquet 41B (1972) 536
Riskiev, T.T., see M.G. Antonova 39B (1972) 282, 285
Risler, R., see W. Grüebler 36B (1971) 337
Risser, T., M.D. Shuster, Anomalous enhancements in multiple-pion production with deuterons 43B (1973) 68
Risser, T., see J. Banaigs 43B (1973) 535; 45B (1973) 394
Risser, T.B., see J.E. Nelson 47B (1973) 281
Ristig, M.L., see S.-O. Bäckman 41B (1972) 247
Ristinen, R.A., see J.J. Kraushaar 25B (1967) 13
Ristinen, R.A., see J.H. Jett 28B (1969) 111
Ristori, L., see S.R. Amendolia 44B (1973) 119; 48B (1974) 359
Ristori, L., see G. Finocchiaro 50B (1974) 396
Ritchie, D.J., see J. Dewire 37B (1971) 326
Rith, K., see C. Berger 28B (1969) 276; 35B (1971) 87
Ritsko, J.J., see J.T. Dakin 36B (1971) 607
Ritson, D.M., see P.C. Barber 32B (1970) 214
Rittenberg, A., see M. Roos 33B (1970) 1
Rittenberg, A., see P. Söding 39B (1972) 1
Rittenberg, V., H.R. Rubinstein, Scaling and duality in electro- and photoproduction 35B (1971) 50
Rittenberg, V., see R.M. Edelstein 35B (1971) 408
Rittenberg, V., see M. Kugler 38B (1972) 423
Rittenberg, V., H.R. Rubinstein, Regge behaviour for inclusive annihilation and decay processes 40B (1972) 257
Rittenberg, V., J.D. Dorren, Diffraction dissociation in electroproduction 48B (1974) 51
Ritter, H.G., see G. Backenstoss 32B (1970) 399; 36B (1970) 230; 38B (1972) 181; 41B (1972) 552; 43B (1973) 431
Ritter, H.G., see A. Bamberger 33B (1970) 233; 36B (1970) 412
Ritter, H.G., see M.A. Faessler 46B (1973) 468
Ritter, R.C., J.T. Parson, D.L. Bernard, States at 10–14 MeV excitation in ^{20}Ne from the (d, n) reaction 28B (1969) 588

Rivers, R.J., A quark model derivation of meson-baryon coupling constant relations 22B (1966) 514
Rivers, R.J., see P.G.O. Freund 29B (1969) 510; 36B (1971) 89
Rivers, R.J., The analyticity structure of simple-particle exchange models for high-energy interactions 34B (1971) 635
Rivet, P., see C. Defoix 28B (1969) 353; 43B (1973) 141
Rizaev, Kh., see O. Balea 39B (1972) 571
Rizaev, Kh., see Alma ... collaboration 48B (1974) 277
Řížek, J., see Yu.I. Bely 39B (1972) 335
Robaschik, D., see K. Lewin 25B (1967) 522
Robbins, A.B., see S. Fiarman 22B (1966) 175
Robbins, L.A., see P.C. Barber 32B (1970) 214
Roberson, N.R., see G.L. Morgan 32B (1970) 353
Roberson, N.R., see R.O. Nelson 43B (1973) 389
Roberts, A., see S. Berezin 30B (1969) 27
Roberts, B.L., see F.R. Kane 45B (1973) 292
Roberts, J.H., see W. Loveland 24B (1967) 666
Roberts, L., see C. Berger 39B (1972) 659
Roberts, R.G., F. Wagner, Application of unitarized Veneziano model to experimental data 29B (1969) 368
Roberts, R.G., How is the A_1 produced? 35B (1971) 525
Roberts, R.G., D.P. Roy, Nucleon exchange mechanism in the inclusive reaction $p \xrightarrow{p} \pi^+$ 38B (1972) 507
Roberts, R.G., see D.P. Roy 40B (1972) 555
Roberts, R.G., see P. Hoyer 44B (1973) 258
Roberts, R.G., D.P. Roy, Prong cross-sections from a realistic two-component model 46B (1973) 201
Roberts, R.G., D.P. Roy, Dual property of diffractive resonances from semi-local factorisation 47B (1973) 247
Roberts, R.G., see M. Le Bellac 48B (1974) 115
Robertson, A.G., see G.T. Garvey 29B (1969) 108
Robertson, A.W., see T.A. Armstrong 34B (1971) 535
Robertson, B.C., see R.D. Gill 28B (1969) 116
Robertson, D.C., see R.C. Hwa 41B (1972) 502
Robertson, W.J., see M.E. Binkley 45B (1973) 295
Robinson, B.L., see S. Jha 25B (1967) 115
Robinson, D.C., see J.M. Freeman 27B (1968) 156; 29B (1969) 296; 30B (1969) 240
Robinson, D.C., see G.J. Clark 35B (1971) 503
Robinson, D.K., see J.C. Anderson 45B (1973) 165, 521
Robinson, D.K., see S. Dado 50B (1974) 275
Robinson, J., see D. Cline 23B (1966) 509
Robinson, N.R., see H.R. Weller 25B (1967) 541
Robinson, R.L., see J. Gomez Del Campo 46B (1973) 180
Robinson, S.W., C.P. Swann, V.K. Rasmussen, The lifetime of the first excited state of ^{13}C 26B (1967) 298
Robrish, P.R., O. Chamberlain, R.D. Field Jr., R.Z. Fuzesy, W. Gorn, C.C. Morehouse, T. Powell, S. Rock, S. Shannon, G. Shapiro, H. Weisberg, M.J. Longo, Backward np scattering with a polarized target 31B (1970) 617
Robson, B.A., D. Robson, Relation between Lippmann-Schwinger and Bloch scattering theories 25B (1967) 504
Robson, B.A., j-dependence for 2p neutron transfer in (d, p) reactions 26B (1967) 501
Robson, D., see B.A. Robson 25B (1967) 504

Robson, D., Time reversal and detailed balance in DWBA 26B (1968) 117
Robson, D., see J.S. Eck 27B (1968) 420
Robson, J.M., D. Winfield, The detection of ultra-cold neutrons by the activation of manganese 40B (1972) 537
Rochau, G., see R.E. Shamu 45B (1973) 241
Rochester, L.S., see J.V. Allaby 34B (1971) 431
Rochester, L.S., see U. Amaldi 34B (1971) 435; 36B (1971) 504
Rochester, L.S., see M. Bott-Bodenhausen 40B (1927) 693
Rock, S., see P.R. Robrish 31B (1970) 617
Rodnov, Yu.V., see Yu.M. Antipov 29B (1969) 245
Roe, B., see I. Budagov 29B (1969) 524; 30B (1969) 364
Roe, B.P., see J.W. Chapman 47B (1973) 465
Roebel, D., see V. Blobel 48B (1974) 73
Roeckl, E., see J. Chaumont 29B (1969) 652
Roeckl, E., see B.L.Tracy 34B (1971) 277
Roeders, J.D.A., see A.G. Drentje 32B (1970) 356
Roehrig, J., see H.G.E. Kobrak 43B (1973) 526
Roesel, F., see K. Alder 32B (1970) 645
Roetter, M.F., see P.P. Delsanto 28B (1969) 246, 557
Roganov, V., see V. Evseyev 28B (1969) 553
Roganov, V.S., see I.I. Gurevich 29B (1969) 387
Rogers, D.W.O., see J.H. Aitken 28B (1969) 653
Rogers, D.W.O., K.W. Allen, H.C. Evans, N.A. Jelley, A.E. Litherland, B.Y. Underwood, The 5^- resonance in the $^{16}O(\alpha,\gamma)^{20}Ne$ reaction at $E_\alpha = 4.65$ MeV 37B (1971) 65
Rogov, Yu.K., see V.F. Demin 49B (1974) 217
Rohde, M., see J.G. Asbury 25B (1967) 565
Rohlin, J., see J.J. Domingo 32B (1970) 309
Rohlin, J., K. Gabathuler, N.W. Tanner, C.R. Cox, J.J. Domingo, Pionic proton stripping and π^- production 40B (1972) 539
Rohlin, S., see J.J. Domingo 32B (1970) 309
Rohr, G., see Weigmann 30B (1969) 624
Rohringer, H., see J.R. Fry 41B (1972) 539
Rohrlich, F., J.H. Ten Eyck, Null plane quantum electrodynamics 46B (1973) 102
Roinishvili, V., see R. Baud 31B (1970) 397, 401, 549
Roinishvili, V., see Yu.M. Antipov 40B (1972) 147
Roinishvili, V.N., see Z. Sh. Manjavidze 24B (1967) 492; 27B (1968) 539
Rollier, M., see B. Daugeras 27B (1968) 332
Rollier, M., see R. Huson 28B (1969) 208
Rollier, M., see F.J. Hasert 46B (1973) 121, 138
Rollier, M., see T. Eichten 46B (1973) 274, 281
Rollnik, H., see M.P. Locher 22B (1966) 696
Rolph, P.M., see N. Berovic 27B (1968) 477
Roman, S., see J. Arvieux 26B (1968) 153
Romanan, A., see J. Badier 41B (1972) 387
Romaniy, I.A., see Yu.N. Rakivnenko 44B (1973) 462
Romano, A., see J. Alitti 21B (1966) 354
Romano, A., see R. Vanderhagen 24B (1967) 493
Romano, A., see N. Armenise 25B (1967) 53; 26B (1968) 336

Romano, A., see P. Fleury 26B (1968) 682, 686
Romano, F., see T. Eichten 27B (1968) 586
Romano, F., see D. Haidt 29B (1969) 691, 696
Romano, F., see H.J. Steiner 36B (1971) 521
Romano, F., P. Renton, B. Aubert, A.M. Burban-Lutz, Analysis of K^+_{e3} radiative decay 36B (1971) 525
Romano, F., see H. Braun 47B (1973) 182, 185
Romano, G., see Barcelona ... collaboration 48B (1974) 467
Romanovsky, E.A., see V.G. Neudatchin 27B (1968) 490
Romantseva, A.S., see A.A. Kartamyshev 44B (1973) 310
Römer, H., see M.P. Locher 23B (1966) 496
Römer, H., see P.V. Collins 44B (1973) 183
Romer, H.F., see R.C. Chase 30B (1969) 659
Ron, A., M.E. Rose, A note on pair production in the giant resonance region 24B (1967) 372
Ronat, E.E., see Y. Eisenberg 22B (1966) 217, 223; 34B (1971) 439; 43B (1973) 149
Ronat, E.E., see G. Yekutieli 34B (1971) 101
Ronata, E.E., see Y. Eisenberg 48B (1974) 354
Ronne, B., see H. Bøggild 30B (1969) 369
Ronsin, H., see A. Tellez 34B (1971) 131
Rood, H.P.C., A.F. Yano, The Coulomb propagator in radiative muon capture 35B (1971) 59
Rood, H.P.C., see A.F. Yano 37B (1971) 189
Rook, J.R., The spin dependent optical potential for deformed nuclei 29B (1969) 86
Rook, J.R., Semi-empirical mass formula and nuclear radii 30B (1969) 607
Rook, J.R., S. Wycech, Energy shifts and widths of K^--mesic atom levels 39B (1972) 469
Rook, J.R., Semi-classical theory of nuclear reactions 48B (1974) 148
Roos, M., C. Bricman, A. Barbaro-Galtieri, L.R. Price, A. Rittenberg, A.H. Rosenfeld, N. Barash-Schmidt, P. Söding, C.Y. Chien, C.G. Wohl, T. Lasinski, Review of particle properties by the Particle Data Group 33B (1970) 1
Roos, M., Heuristic prescription for a renormalized Cabibbo theory 36B (1971) 130
Roos, M., see P. Söding 39B (1972) 1
Roos, P.G., see J.B. Marion 22B (1966) 172
Roos, P.G., C.A. Ludemann, J.J. Wesolowski, "Quasi-elastic" (^{3}He, t) scattering from the titanium isotopes 24B (1967) 656
Roos, P.G., see J.B. Ball 29B (1969) 172
Roos, P.G., see H.G. Pugh 46B (1973) 192
Röpke, H., see N. Anyas-Weiss 27B (1968) 161
Röpke, H., N. Anyas-Weiss, A.E. Litherland, Investigation of a new $E_x = 4\,507$ keV state in ^{25}Al 27B (1968) 368
Röpke, H., V. Glattes, Spectrocopic factors of γ-vibrational like states in odd-A s-d shell nuclei 41B (1972) 565
Ros, J., J. Bernabeu, A note on elastic electron scattering by ^{11}B 43B (1973) 178
Ros, J., see F. Cannata 43B (1973) 467
Rosa Clot, M., see F. Cannata 32B (1970) 6
Röschert, G., see H. Fuchs 23B (1966) 363; 25B (1967) 204
Rose, C.M., see M.E. Binkley 45B (1973) 295
Rose, H.J., J.S. Lopes, The $\frac{3}{2}^- \rightarrow \frac{1}{2}^-$ mirror transitions in mass 15 22B (1966) 601
Rose, H.J., see O. Häusser 22B (1966) 604
Rose, H.J., see R.D. Gill 28B (1969) 116
Rose, M.E., see A. Ron 24B (1967) 372

Rose, M.E., see K.C. Richards 25B (1967) 501
Rose, P.H., see L. Grodzins 24B (1967) 282
Rose, P.J., see A.B. Wittkower 29B (1969) 97
Rösel, F., see R.J. Pryor 32B (1970) 26
Rosen, L., see F. Guerra 44B (1973) 102
Rosen, M., see J.L. Friar 39B (1972) 615
Rosen, S.P., see S.L. Marateck 29B (1969) 497
Rosen, S.P., see A. McDonald 40B (1972) 675; 41B (1972) 78, 652
Rosenfeld, A.H., see M. Roos 33B (1970) 1
Rosenfeld, A.H., see A.D. Brody 34B (1971) 665
Rosenfeld, A.H., see P. Söding 39B (1972) 1
Rosenfeld, A.H., see H.H. Bingham 41B (1972) 635
Rosenzweig, C., see S.P. Auerbach 45B (1973) 275
Rosenzweig, N., see P.B. Kahn 22B (1966) 307
Rosina, M., see D. Justin 29B (1969) 458
Rosina, M., see Y. Abgrall 43B (1973) 165
Roskies, R., Crossing constraints on $\pi\pi$ partial wave amplitudes 30B (1969) 42
Roskies, R., see S.J. Brodsky 41B (1972) 517
Rösler, H., F. Plasil, H.W. Schmitt, High-resolution cross section measurement for ^{236}U(n, f) 38B (1972) 501
Rösler, H., see E. Huenges 46B (1973) 361
Rosner, B., D.J. Pullen, The ^{46,48,50}Ti (^{3}He, α) reactions and analogue states in $T = \frac{3}{2}$ isobaric pairs 24B (1967) 454
Rosner, B., P. Neogy, L. Polsky, A new 1^{+} state in ^{26}Al 27B (1968) 450
Rosner, B., see J. Felsteiner 31B (1970) 12
Rosner, G., see H.V. Klapdor 49B (1974) 431
Rosner, J., see D. Faiman 45B (1973) 357
Rosner, J.L., Sharp states in the spectrum of low-lying mesons 33B (1970) 493
Rosner, R.A., see P.C. Barber 32B (1970) 214
Ross, G.G., see A.D. Martin 26B (1968) 527; 35B (1971) 62
Ross, G.G., see A. Love 35B (1971) 231; 36B (1971) 118
Ross, M., see G.V. Dass 24B (1967) 175
Ross, M., Peripherality and πN scattering 38B (1972) 321
Ross, R.T., T. Buran, J.L. Lloyd, J.H. Mulvey, D. Radojicic, $\Xi\pi$ resonance with mass 1606 MeV/c^2 38B (1972) 177
Ross, W.N., see R.L. McCarthy 42B (1972) 291
Rossetti, C., see G. Furlan 23B (1966) 499
Rossetti, G., see V. De Alfaro 21B (1966) 576
Rossi, A., see J. Goldberg 30B (1969) 434
Rossi, A.M., see R. Barloutaud 26B (1968) 674
Rossi, A.M., see G. Giacomelli 31B (1970) 321; 33B (1970) 373
Rossi, A.M., see A. Bertin 38B (1972) 260; 41B (1972) 102; 42B (1972) 493
Rossi-Alvarez, C., see G.B. Vingiani 34B (1971) 597; 40B (1972) 638
Rossi-Alvarez, C., see F. Brandolini 49B (1974) 261
Rössle, E., see E. Obst 21B (1966) 50
Rost, E., Proton core excitation in the ground state of ^{18}O 21B (1966) 87
Rost, E., Proton shell-model potentials for lead and the stability of superheavy nuclei 26B (1968) 184
Rost, E., see L. Marshall Libby 28B (1969) 465

Rost, E., see S.I. Hayakawa 29B (1969) 327
Rost, E., P.D. Kunz, Role of tensor force in charge exchange reactions 30B (1969) 231
Rost, E., G.W. Edwards, Pion-nucleus charge exchange scattering at intermediate energies 37B (1971) 247
Rost, E., P.D. Kunz, Analysis of (π^+, p) and (p, π^+) reactions 43B (1973) 17
Rost, E., see P.D. Kunz 47B (1973) 136
Rost, M., see K. Böckmann 28B (1969) 72
Rost, M., see J.V. Beaupré 34B (1971) 160; 37B (1971) 432; 41B (1972) 393
Rost, M., see K. Boesebeck 34B (1971) 659
Rostokin, V., see S. Barshay 43B (1973) 271
Rostokin, V., see R.A. Malfliet 44B (1973) 238
Roy, S.M., see G.V. Dass 38B (1972) 188
Rotelli, P., see R. Delbourgo 30B (1969) 192; 35B (1971) 65
Rotelli, P., L.G. Suttorp, Isospin sum rules for inclusive cross-sections 40B (1972) 579
Rotelli, P., The breaking of asymptotic SU(3) and produced particle ratios 43B (1973) 299
Rotelli, P., see G. Cocho 48B (1974) 63
Roth, K.H., see R. Heusinger 49B (1974) 269
Rothberg, J.E., see S. Mori 28B (1969) 152
Rothe, K.D., see H.D. Dahmen 34B (1971) 83; 35B (1971) 335
Rothe, K.D., see N.S. Craigie 49B (1974) 99
Rother, H.-P., see K.-E. Rehm 46B (1973) 353
Rotter, I., see H.W. Barz 37B (1971) 4
Rotter, Sh., see G. Yekitieli 47B (1973) 36
Rouben, B., J.M. Pearson, G. Saunier, Hartree–Fock calculation of superheavy magic numbers 42B (1972) 385
Rouben, B., see G. Saunier 48B (1974) 293
Rougé, A., see R. Barloutaud 26B (1968) 674
Rougé, A., see J. Goldberg 30B (1969) 434
Rougé, A., see L. Moscoso 32B (1970) 513; 40B (1972) 285
Rougé, A., see G. Giacomelli 33B (1970) 373
Rougé, A., see W. Hoogland 33B (1970) 631
Rougé, A., see I. Videau 41B (1972) 213
Roulston, K.I., E.H. Becker, R.A. Brown, The decay of ^{62}Zn 24B (1967) 93
Roush, M.L., L.A. West, J.V. Mullendore, H.L. Fann, J.B. Marion, Precision measurements of nuclear reaction calibration energies 23B (1966) 355
Roush, M.L., see J.F. Dicello 23B (1966) 685
Roussel, P., see G. Bruge 22B (1966) 640, 654
Rousset, A., see F.J. Hasert 46B (1973) 121, 138
Rousset, A., see T. Eichten 46B (1973) 274, 281
Routti, J., see L.G. Moretto 38B (1972) 471
Rowe, D.J., S.S.M. Wong, Open-shell RPA calculations for the giant-dipole excitations of ^{12}C 30B (1969) 147
Rowe, D.J., see S.S.M. Wong 30B (1969) 150; 48B (1974) 403
Rowe, D.J., see C. Ngo-Trong 36B (1971) 553
Rowe, D.J., see N.Lo Iudice 37B (1971) 44
Rowe, D.J., Is Hartree–Fock self-consistency important in particle-hole calculations 44B (1973) 155
Roy, D.P., M. Suziki, Higher multiplets of meson and baryon resonances. A consequence of resonance saturation hypotheses 28B (1969) 558

Roy, D.P., J. Kwiecinski, B.R. Desai, F. Zachariasen, Complex Regge poles and line reversed reactions 34B (1971) 512
Roy, D.P., see G.A. Ringland 36B (1971) 110
Roy, D.P., see R.G. Roberts 38B (1972) 507; 46B (1973) 201; 47B (1973) 247
Roy, D.P., see Chan Hong-Mo 40B (1972) 406
Roy, D.P., R.G. Roberts, An estimate of Regge cuts from inclusive finite mass sum rules 40B (1972) 555
Roy, D.P., see P. Hoyer 44B (1973) 258
Roy, J., see Th. Papadopoulou 43B (1973) 401
Roy, M., see M. Bernas 25B (1967) 260, 474
Roy, M., see D. Bachelier 26B (1968) 283
Roy, M., D. Bachelier, M. Bernas, J.L. Boyard, I. Brissaud, C. Détraz, P. Radvanyi, M. Sowinski, Comparaison des réactions D(d, p)T èt D(d, n)^{3}He à 83 MeV 29B (1969) 95
Roy, P., see S.M. Berman 27B (1968) 88
Roy, P., see J. Pestieau 30B (1969) 483
Roy, P., Single particle electroproduction at large Q^2 and the role of wee partons 36B (1971) 579
Roy, P., see M.K. Gaillard 38B (1972) 245
Roy, P., Inclusive soft-pion production in inelastic eγ scattering 39B (1972) 365
Roy, P., Parton description of the forward peak in single particle electroproduction with highly virtual photons 41B (1972) 325
Roy, P., see T. Das 44B (1973) 76
Roy, Ph., see J. Buon 26B (1968) 595
Roy, R., J. Birchall, R.J. Slobodrian, The width of the 2.9 MeV state in ^{8}Be from the ^{7}Li(d, n)^{8}Be reaction 34B (1971) 491
Roy, S.M., V. Singh, Upper bounds on particle-antiparticle total cross section differences at high energies 32B (1970) 50
Roy, S.M., see J. Finkelstein 34B (1971) 322
Roy, S.M. Pomeranchuk theorem violation and near-forward zeros of the differential cross sections at high energies 34B (1971) 406
Roy, S.M., see G.V. Dass 36B (1971) 339
Roy, S.M., Exact integral equation for pion-pion scattering involving only physical region partial waves 36B (1971) 353
Royer, D., see H. Doubre 29B (1969) 355
Roynette, J.C., see W. von Oertzen 28B (1969) 482
Royzen, I.I., On the dynamical equation for the Pomeranchuk pole 29B (1969) 428
Royzen, I.I., see I.M. Dremin 31B (1970) 71
Rozenblitt, M., Meson exchange correction to the $p^+p \to d + e^+ + \nu$ reaction and to the β decay of some mirror nuclei 31B (1970) 266
Rubbia, C., see C. Alff-Steinberger 21B (1966) 595
Rubbia, C., J. Steinberger, K_L-K_S regeneration phase and the relative phase of the amplitudes for the decay of K_L and K_S into π^+ and π^- 23B (1966) 167
Rubbia, C., J. Steinberger, Regeneration phase and the relative phase of K_L and K_S in the $\pi^+\pi^-$ decay 24B (1967) 531
Rubbia, C., see A. Böhm 27B (1968) 321, 594; 49B (1974) 491
Rubbia, C., see P. Darriulat 29B (1969) 132; 30B (1969) 209; 33B (1970) 249, 433
Rubbia, C., see H. Faissner 30B (1969) 204
Rubbia, C., see H. Foeth 30B (1969) 276, 282; 31B (1970) 544
Rubbia, C., see M. Cullen 32B (1970) 523
Rubbia, C., see M. Holder 35B (1971) 355, 361; 36B (1971) 400; 40B (1972) 141

Rubbia, C., see V. Bisi 36B (1971) 533
Rubbia, C., see G. Barbiellini 39B (1972) 294, 663; 43B (1973) 529
Rubenstein, R., see K.R. Chapman 21B (1966) 465
Rubin, H., see D. Swanson 48B (1974) 479
Rubinson, W., M.L. Perlman, Influence of the chemical environment on α-decay 40B (1972) 352
Rubinstein, H.R., H. Stern, Nucleon-antinucleon annihilation in the quark model 21B (1966) 447
Rubinstein, H.R., see P. Federman 22B (1966) 208
Rubinstein, H.R., A dynamical quark model for hadrons 22B (1966) 210
Rubinstein, H.R., I. Talmi, Quark model decay rates for spin 2^+ mesons 23B (1966) 693
Rubinstein, H.R., see D. Amati 27B (1968) 38
Rubinstein, H.R., see M. Ademollo 27B (1968) 99
Rubinstein, H.R., E.J. Squires, M. Chaichian, Mass extrapolation using dual amplitudes 30B (1969) 189
Rubinstein, H.R., New duality effects in many pion systems 32B (1970) 370
Rubinstein, H.R., Linear rising trajectories theory of nuclon-anti-nucleon annihilation 33B (1970) 477
Rubinstein, H.R., see V. Rittenberg 35B (1971) 50; 40B (1972) 257
Rubinstein, H.R., see R.M. Edelstein 35B (1971) 408
Rubinstein, H.R., E.J. Squires, M. Chaichian, Erratum 38B (1972) 188
Rubinstein, H.R., see G. Van Gehlen 42B (1972) 365
Rubinstein, H.R., see P.V. Collins 44B (1973) 183
Rubinstein, R., see J. Orear 28B (1969) 61
Rubinstein, R., see R.J. Abrams 45B (1973) 66
Rubinstein, R., see A.S. Carroll 45B (1973) 531
Rubio, J.A., see R. Arnold 27B (1968) 466
Rubio, J.A., see C. Baglin 29B (1969) 445
Ruby, S.L., see G.M. Kalvius 29B (1969) 489
Rucker, J., see M. Furić 39B (1972) 629
Rud, N., see H.L. Nielsen 27B (1968) 150; 30B (1969) 169
Rudakov, V.P., see K.P. Artemov 37B (1971) 61
Ruddick, K., see K.R. Chapman 21B (1966) 465
Ruddick, K., see R.C. Chase 30B (1969) 659
Ruderman, H., see T. Maung 33B (1970) 521
Ruderman, H., see V.A. Ashford 38B (1972) 47
Ruderman, M.A., see M. Nauenberg 22B (1966) 512
Rudge, A., see M.G. Albrow 40B (1972) 136; 42B (1972) 279; 44B (1973) 207, 518
Rudin, R.A., Theoretical neutron-nucleus total cross-sections at high energy 30B (1969) 357
Rudnick, F.D., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Rudnick, F.D., see C.Y. Chien 29B (1969) 433; 33B (1970) 627; 35B (1971) 261
Rudnick, F.D., see E. Dally 41B (1972) 647
Rudnicka, H., see Alma ... collaboration 48B (1974) 277
Rudolph, G., see Aachen ... collaboration 49B (1974) 388
Rudolph, H., see R.J. Peterson 37B (1971) 278
Rudolph, K., see P. Sperr 49B (1974) 345
Rudstam, G., see P.G. Hansen 28B (1969) 415, 596. 663
Rudy, C.R., see W.J. Braithwaite 38B (1972) 67
Ruegg, H., see N. Cabibbo 22B (1966) 85
Ruegg, H., see K. Bardakçi 28B (1969) 342, 671
Rüegsegger, P., W. Kündig, Calibration of the isomer shift of ^{57}Fe 39B (1972) 620
Ruffini, R., Fully relativistic treatment of the bremsstrahlung radiation from a charge falling in a strong gravitational field 41B (1972) 334

Ruffini, R., see G. Denardo 45B (1973) 259; 50B (1974) 270
Ruffini, R., see M. Johnston 49B (1974) 185
Ruhla, C., see J.R. Pizzi 28B (1969) 32
Rumi, R.F., see W.I. Furman 44B (1974) 185
Rumiantsev, B.A., see S.T. Belyaev 30B (1969) 444
Rumpf, F., see J.E. Augustin 28B (1969) 503, 508, 513, 517; 31B (1970) 673
Rumpf, F., see J.C. Bizot 32B (1970) 416
Rumpf, M., see J. Bartke 24B (1967) 118, 163
Rumpf, K., see M. Aderholz 24B (1967) 434
Rumpf, K., see K. Boesebeck 34B (1971) 659
Runge, K., see J. Engler 27B (1968) 599; 28B (1969) 64; 29B (1969) 321; 31B (1970) 669; 32B (1970) 716; 34B (1971) 528
Rupertsberger, H., see H. Pietschmann 40B (1972) 662
Rush, A.D., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Rushton, A.M., see S.C. Cheng 34B (1971) 615
Russ, J., see E.W. Anderson 29B (1969) 136
Russ, J.S., see D. Birnbaum 31B (1970) 36, 484
Russell, F.M., The observation in mica of tracks of charged particles from neutrino interactions 25B (1967) 298
Russell, J.J., see P.M. Joseph 26B (1968) 41
Russell, P.B., G.D. Sprouse, G.L. Latshaw, S.S. Hanna, G.M. Kalvius, Isomer shift of the 2^+ state in ^{160}Gd and ^{158}Gd from recoil implantation Mössbauer studies 32B (1970) 35
Russo, P., see D. Burch 40B (1972) 357
Rust, D.R., see S.P. Ying 30B (1969) 289
Rust, D.R., see C.E.W. Ward 26B (1974) 471
Rustad, B.M., see C.J. Christensen 26B (1968) 11
Rustgi, M.L., Elastic scattering of deuterons from carbon at 420 MeV 24B (1967) 229
Rustgi, M.L., see S.N. Mukherjee 24B (1967) 548
Rustgi, M.L., see S. Shastry 25B (1967) 391
Rustgi, M.L., see R. Raj 28B (1969) 468
Rustgi, M.L., see H. Chandra 36B (1971) 185
Rustgi, M.L., see R.P. Singh 44B (1973) 409
Rutherglen, J.G., see H.C. Kirkman 32B (1970) 519
Rutkowski, R.W., E.E. Gross, the p-p final-state interaction in the ^{3}He(d, t)2p reaction 35B (1971) 151
Ruuskanen, P.V., see C. Michael 35B (1971) 47
Ruuskanen, P.V., see P.H. Frampton 38B (1972) 78
Ruuskanen, P.V., see K. Kajantie 45B (1973) 149
Ryabov, Yu.V., see Ts. Panteleev 35B (1971) 507
Ryan, D.F., V. Acosta, G.L. Buckwalter, W.M. Carey Jr., C.L. Cowan, D.J. Curtin, Evidence for a sidereal-time dependent cosmic ray signal 21B (1966) 475
Ryan, D.F., see G.L. Buckwalter 21B (1966) 478
Ryan, D.G., see K.R. Chapman 21B (1966) 465
Ryan, D.G., see J. Orear 28B (1969) 61
Rybakov, V.A., see Yu.M. Antipov 29B (1969) 245; 30B (1969) 576
Rybicki, K., see E.V. Anzon 31B (1970) 237, 241
Rybicki, K., see M.G. Antonova 39B (1972) 282, 285
Rybin, A., see O. Balea 39B (1972) 571
Ryde, H., F. Boehm, G.D. Symons, Z. Szymański, A remark concerning the magnetic properties of the odd-odd nucleus ^{170}Tm 24B (1967) 387

Ryde, H., see K.A. Hagemann 28B (1969) 661; 29B (1969) 307
Ryde, H., see S.A. Hjorth 31B (1970) 201
Ryde, H., see A. Johnson 34B (1971) 605
Ryder, J.S., see G.J. Clark 35B (1971) 503
Ryder, J.S., G.J. Clark, J.E. Draper, J.M. Freeman, W.E. Berchem, G.T.A. Squier, The superallowed Fermi decay of ^{34}Cl and the vector weak interaction 43B (1973) 30
Ryding, G., see A.B. Wittkower 29B (1969) 97
Rykalin, V.A., see Yu.M. Antipov 29B (1969) 245
Rykalin, V.I., see I.M. Vasilevsky 23B (1966) 281
Rykalin, V.I., see F. Binon 30B (1969) 510
Rykalin, V.I., see Yu.M. Antipov 30B (1969) 576; 34B (1971) 164
Ryseck, E., see J.V. Beaupré 34B (1971) 160
Ryseck, E., see K. Boesebeck 34B (1971) 659
Rysek, H.-E., see Berlin ... collaboration 48B (1974) 257
Rysek, H.-E., see K.F. Albrecht 48B (1974) 393
Ryskin, M.G., see E.M. Levin 41B (1972) 626
Ryu, N., see J. Sanada 39B (1972) 509

Saal, H., see S. Bennett 27B (1968) 239, 244, 248; 29B (1969) 317
Saarela, M., see P. Erkkilä 34B (1971) 5
Saathoff, W., see A. Von der Decken 41B (1972) 477
Sabau, M., see O. Balea 39B (1972) 571
Sabau, M., see Alma ... collaboration 48B (1974) 277
Sacharidis, E.J., see J.V. Allaby 23B (1966) 389; 27B (1968) 49; 28B (1969) 67, 229
29B (1969) 198; 30B (1969) 549
Sacharidis, E.J., see A.V. Allaby 25B (1967) 156
Sacharides, E.J., see P.C. Barber 32B (1970) 214
Sachrajda, C.T., see I.G. Halliday 47B (1973) 509
Sachs, M.W., see G. Goldring 25B (1967) 538
Sacton, J., see W. Gajewski 21B (1966) 673; 23B (1966) 152
Sacton, J., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Sacton, J., see F.J. Hasert 46B (1973) 121, 138
Sadoff, A., see D.G. Cassell 34B (1971) 223
Sadoff, A.J., see N.B. Mistry 24B (1967) 528
Sadoulet, B., see J. Badier 25B (1967) 152
Sadoulet, B., see H.W. Atherton 30B (1969) 494
Sadrozinski, H., see L. Criegee 28B (1969) 140
Saenko, L.F., see V.M. Lobashov 25B (1967) 104
Saethre, Ø., see J.M. Bang 28B (1969) 99
Saetre, P., see R.A. Donald 26B (1968) 327
Saetre, P., see F. James 35B (1971) 265
Saetta-Menichella, E., see U. Facchini 26B (1968) 278; 28B (1969) 534; 34B (1971) 572
49B (1974) 153
Safrata, R.S., see R.F. Frosch 24B (1967) 54
Sagina, I.P., see N.M. Kabachnik 41B (1972) 31
Sah, R.C., see A.R. Clark 41B (1972) 229
Saha, A., see K.K. Seth 49B (1974) 157
Saillard, Y., see Y. Noirot 26B (1968) 454
Saito, K., S. Sakai, Abundance of photons in the pionization region 41B (1972) 499
Saito, M., see K. Nisimura 30B (1969) 612
Saito, M., see S. Arai 40B (1972) 426
Saito, S., Manifestly gauge invariant N-reggeon vertex 34B (1971) 72
Saito, T., see K. Shoda 28B (1969) 30
Saito, T., see K. Nisimura 30B (1969) 612
Saito, T., see S. Matsuda 43B (1973) 123
Saitov, I., see G. Bassompierre 26B (1968) 30
Saitov, I., see M. Jobes 26B (1968) 49
Saji, Y., see T. Suehiro 33B (1970) 468
Sakagami, M., see T. Takemasa 37B (1971) 473
Sakai, M., see M. Ishihara 35B (1971) 398
Sakai, M., Systematic features in the low-frequency excitation spectra of even-even nuclei near the closed shell 46B (1973) 167
Sakai, N., M. Yamada, Soft pion theorems in inclusive reactions 37B (1971) 505
Sakai, S., see K. Saito 41B (1972) 499
Sakai, S., Rise of proton-proton total cross-section and inclusive spectra 48B (1974) 427
Sakamoto, Y., Charge-exchange scattering of pions by ^{14}N 29B (1969) 88

Sakamoto, Y., see F. Takéutchi 35B (1971) 498; 41B (1972) 458
Sakurai, J.J., $K_{\mu 2}(\pi_{\mu 2})$ decay and ρ meson universality 22B (1966) 689
Sakurai, J.J., Elementary derivation of Weinberg's mass relation 24B (1967) 619
Sakurai, T., see M. Maruyama 29B (1969) 414
Sakurai, J.J., see C.F. Cho 30B (1969) 119; 31B (1970) 22
Sakurai, J.J., see H.B. Thacker 36B (1971) 103
Sakurai, J.J., D. Schildknecht, Generalized vector dominance and inelastic electron-proton scattering 40B (1972) 121
Sakurai, J.J., D. Schildknecht, Generalized vector dominance and inelastic electron–nucleon scattering – the neutron-to-proton ratio 41B (1972) 489
Sakurai, J.J., D. Schildknecht, Generalized vector dominance and inelastic electron nucleon scattering – the small ω' region 42B (1972) 216
Sakurai, J.J., Duality in $e^+ + e^- \rightarrow$ hadrons? 46B (1973) 207
Sakuta, S.B., see V.I. Chuev 31B (1970) 624; 42B (1972) 63
Saladin, J.X., see R.J. Pryor 32B (1970) 26
Saladin, J.X., see T.K. Saylor 42B (1972) 51
Salam, A., see R. Delbourgo 21B (1966) 455; 22B (1966) 680; 24B (1967) 622
25B (1967) 230, 475; 28B (1969) 497; 40B (1972) 381
Salam, A., Magnetic monopole and two photon theories of *C*-violation 22B (1966) 683
Salam, A., see C.J. Isham 31B (1970) 300; 35B (1971) 585; 46B (1973) 407
Salam, A., see H.F. Jones 34B (1971) 149
Salam, A., J.C. Pati, A U(3) nonet scheme for leptons 43B (1973) 311
Salam, A., J. Strathdee, On goldstone fermions 49B (1974) 465
Salant, E.O., see R.R. Price 33B (1970) 533
Salant, E.O., see R.S. Panvini 38B (1972) 55
Salatsky, V.I., see W.I. Furman 44B (1973) 465
Salganic, Yu.A., see R.A. Eramzhyan 35B (1971) 143
Salin, Ph., see D. Amati 26B (1968) 510
Salin, Ph., see G. Cohen-Tannoudji 27B (1968) 42
Salin, Ph., see M. Hontebeyrie 36B (1971) 98
Salin, Ph., see E.L. Berger 39B (1972) 265
Salman, H.A., see V.V. Komarov 31B (1970) 52
Salmeron, R.A., see R.J. Miller 34B (1971) 230
Salmeron, R.A., see B. Chaurand 38B (1972) 253
Salmeron, R.A., see R. Barloutaud 38B (1972) 257
Salmeron, R.A., see K. Paler 43B (1973) 437; 48B (1974) 151
Salmon, G.L., see D.R. Botterill 31B (1970) 325
Salomatin, Yu.I., see V.K. Birulev 38B (1972) 452
Salomatin, Yu.I., see Berlin ... collaboration 48B (1974) 257
Salomatin, Yu.I., see K.F. Albrecht 48B (1974) 393
Salomon, D., see G. Kaindl 32B (1970) 364
Saltini, G., see S. Focardi 24B (1967) 314
Salukvadze, R., see O. Balea 39B (1972) 571
Salukvadze, R., see Alma ... collaboration 48B (1974) 277
Salvadori, P., see U. Amaldi Jr. 22B (1966) 593; 25B (1967) 24
Salvini, G., see C. Bacci 38B (1972) 551; 44B (1973) 530, 533
Salzborn, E., see G. Clausnitzer 25B (1967) 267
Salzman, G.C., J.C. Martin, J.J. Jarmer, J.E. Simmons, G.G. Ohlsen, T.R. Donogue, Longitudinal polarization transfer in the $D(\vec{d}, n)^3He$ reaction at 0° 45B (1973) 123

Salzman, G.C., see J.J. Jarmer 48B (1974) 215
Salzmann, D., see R. Moreh 30B (1969) 536; 34B (1971) 494
Salzmann, D., see M. Hass 36B (1971) 68
Samios, N.P., see R.B. Palmer 26B (1968) 323
Samojlov, A.V., see Yu.M. Antipov 30B (1969) 576
Samour, C., see S. De barros 23B (1966) 683
Samour, C., see H.E. Jackson 24B (1967) 41
Samour, C., see A. Possoz 50B (1974) 438
Samuel, M., U. Smilansky, Coulomb excitation near the Coulomb barrier 28B (1969) 318
Samuel, M., see G. Goldring 32B (1970) 465
Samuelov, S., see E.R. Bauminger 30B (1969) 531
Samuelsson, L., see R. Vukanović 29B (1969) 576
Sanada, J., K. Kondo, S. Seki, K. Kuriyama, N. Ryu, H. Hasai, K. Iwatani, Forward proton-proton bremsstrahlung at 51.8 MeV 39B (1972) 509
Sanada, J., S. Seki, S. Oryu, The D(p, 2p)n reaction at 51.8 MeV 40B (1972) 546
Sanda, A.I., see S.D. Ellis 41B (1972) 87
Sandacz, A., see G.G. Beznogikh 39B (1972) 411
Sanders, A.J., see C. Mayeur 33B (1970) 441
Sanders, A.J., see G. Wilquet 42B (1972) 372
Sanderson, E.A., see J.P. Elliott 24B (1967) 358
Sandhya Devi, K.R., S.B. Khadkikar, J.K. Parikh, B. Banerjee, Projected Hartree-Fock-Bogolubov calculation for Ti isotopes 32B (1970) 179
Sandler, J., see C.F. Moore 25B (1967) 468
Sandner, P., N. Drysdale, Shell model description of the 0^+-isobaric analogue resonance in ^{208}Bi 29B (1969) 9
Sandner, P., see C.B. Dover 29B (1969) 405
Sands, M., see A.M. Boyarski 34B (1971) 547
Săndulescu, A., see Gy. Bencze 22B (1966) 473
Săndulescu, A., O. Dumitrescu, Alpha decay and the structure of β-vibrational states 24B (1967) 212
Sandweiss, J., see H. Faissner 30B (1969) 204
Sandweiss, J., see P. Darriulat 30B (1969) 209
Sanguinetti, G., see M. Borghini 31B (1970) 405; 36B (1971) 493, 497, 501
Sanguinetti, G., see R. Amendolia 44B (1973) 119
Sanguinetti, G., see S.R. Amendolia 48B (1974) 359
Sanguinetti, G., see G. Finocchiaro 50B (1974) 396
Sanjko, L.A., see V.A. Bumazshnov 50B (1974) 283
Sano, M., see H. Ikegami 21B (1966) 323
Sano, M., see T. Takemasa 37B (1971) 233, 473
Santacroce, P., see G. Giacomelli 31B (1970) 321
Santangelo, R., see R.A. Donald 26B (1968) 327
Santhanam, T.S., p-wave non-leptonic decays of hyperons in SU(6) and representation mixing 21B (1966) 234
Santo, R., see K. Bähr 21B (1966) 686
Santo, R., see H. Fuchs 24B (1967) 234
Santo, R., see U. Lynen 24B (1967) 237; 25B (1967) 9; 27B (1968) 76
Santo, R., see H. Schmeing 33B (1970) 219
Santo, R., see H.P. Morsch 37B (1971) 491
Santonico, R., see F. Ceradini 42B (1972) 501; 43B (1973) 341; 47B (1973) 80

Santonico, R., see S. Orito 48B (1974) 165, 380
Santori, S., see R.A. Donald 26B (1968) 327
Santos, F.C., Angular momentum coupling in heavy-ion transfer reactions 48B (1974) 193
Santroni, A., see M. Holder 35B (1971) 355, 361; 36B (1971) 400
Santroni, A., see G. Barbiellini 39B (1972) 663
Saperstein, E.E., see V.A. Khodel 29B (1969) 632; 36B (1973) 429
Saporetti, F., see G. Longo 42B (1972) 17
Sapp, W.W., see R.A. Carrigan Jr. 25B (1967) 193
Sapp, W.W., see G.H. Miller 27B (1968) 663
Saraykin, A., see C. Bruneton 44B (1973) 471
Sard, R.D., see Y.M. Antipov 40B (1972) 147
Sarkar, R., A. Chatterjee, Excitation and kinetic energies of prompt fission fragments 30B (1969) 313
Sarkar, R., A. Chatterjee, Erratum 31B (1970) 572
Sarkar, R., A. Chatterjee, Prompt gamma decay of fission fragments 33B (1970) 263
Sarkar, S., Broken conformal Ward identities in non-Abelian gauge theories 50B (1974) 499
Sarker, A.Q., The $\Delta I = \frac{5}{2}$ contributions in $K \to 2\pi$ decays and $(\delta_0 - \delta_2)$ S-wave π–π phase shifts 41B (1972) 157
Sarma, N., see D.K. Sood 30B (1969) 523
Sarma, N., see A.K. Jain 33B (1970) 271
Sarnatse, V.V., see M.M. Makarov 31B (1970) 666
Sartori, G., see R. Gatto 28B (1969) 128
Sartori, G., see S. Ciccariello 30B (1969) 546
Sartoris, G., L. Zamick, Particle-hole interaction and core polarization 25B (1967) 5
Saruis, A.M., see M. Marangoni 24B (1967) 218; 49B (1974) 253
Sasaki, A., see Y. Hemmi 32B (1970) 137
Sasaki, R., see R. Fukuda 45B (1973) 250
Sastry, K.S.R., R.J. Ouellette, Y. Sharma, R. Strange, On higher order effects in some abnormal allowed beta-transitions 26B (1968) 207
Sastry, K.S.R., On the third forbidden β-decay of ^{87}Rb 28B (1969) 462
Sato, A., see A. Hosoya 48B (1974) 36
Sato, H., see K. Kikkawa 32B (1970) 280; 33B (1970) 540
Sato, K., see K. Yagi 29B (1969) 647; 37B (1971) 369
Sato, K., see M. Matoba 44B (1973) 159; 45B (1973) 463
Sato, M., S. Kaguei, Reduced expression of Clebsch–Gordan's coefficients 42B (1972) 21
Satoh, E., Y. Nogami, On the hyperon-nucleon interaction 32B (1970) 243
Satoh, K., see H. Ejiri 38B (1972) 73
Satchler, G.R., see W.G. Love 22B (1966) 325; 29B (1969) 478
Satchler, G.R., Observation of the phase of the effective interaction for inelastic scattering of complex particles 33B (1970) 385
Satchler, G.R., Core polarization and the nucleon-nucleus spin-spin interaction 34B (1971) 37
Satchler, G.R., Evidence for a complex effective interaction in elastic scattering? 35B (1971) 279
Satchler, G.R., Effective interactions for inelastic deuteron scattering 36B (1971) 169
Satchler, G.R., Interference near the Coulomb barrier and complex interactions for inelastic scattering 39B (1972) 492
Satchler, G.R., The folding and deformed potential models for inelastic scattering 39B (1972) 495
Satchler, G.R., Non-locality effects on charge-exchange and inelastic scattering 44B (1973) 13
Satchler, G.R., C.B. Fulmer, Target-spin effects on elastic scattering cross sections 50B (1974) 309
Satpathy, L., S.C.K. Nair, Validity of Hartree-Fock calculations before angular momentum projection – A test in ^{20}Ne 26B (1968) 257

Satpathy, L., S.C.K. Nair, Deformed configuration mixing model for some s-d shell nuclei 26B (1968) 716
Satpathy, L., see M. Satpathy 34B (1971) 377
Satpathy, L., see A. Faessler 35B (1971) 193
Satpathy, L., see H. Friedrich 36B (1971) 189
Satpathy, M., L. Satpathy, Shape-fluctuation model of ground-state bands in even-even nuclei 34B (1971) 377
Sattler, K., see W. Fetscher 34B (1971) 171
Satz, H., On the photoproduction of multi-pion systems 25B (1967) 27
Satz, H., Quark model and high energy production processes 25B (1967) 220
Satz, H., Pomeranchuk exchange and multi-pion production 29B (1969) 38
Satz, H., On the mass dependence of momentum transfer distributions in diffraction dissociation 32B (1970) 380
Satz, H., D. Schildknecht, Fragmentation, duality and inclusive photon-hadron interactions 36B (1971) 85
Satz, H., Linear Regge trajectories and hadronic level degeneracy at high energies 44B (1973) 373
Satz, H., see J. Engels 49B (1974) 171
Satz, H., see M. Chaichian 50B (1974) 362
Saudinos, J., G. Vallois, O. Beer, M. Gendrot, P. Lopato, Spectroscopie de ^{208}Pb par diffusion inélastique de protons de 24.55 MeV 22B (1966) 492
Saudinos, J., see G. Vallois 22B (1966) 659; 24B (1967) 512
Saudinos, J., see D.L. Hendrie 26B (1968) 127
Saudinos, J., see R. Bertini 45B (1973) 119
Saudraix, J., see H. Blumenfeld 45B (1973) 525, 528
Sauer, P.U., see A. Faessler 26B (1968) 71
Sauer, P.U., see B. Biraud 30B (1969) 218
Sauer, P.U., see A.D. Jackson 30B (1969) 233; 35B (1971) 365
Sauer, P.U., see H.H. Wolter 31B (1970) 516
Sauli, F., see F. Bradamante 28B (1969) 191; 31B (1970) 87; 32B (1970) 303
Sauli, F., see M. Breidenbach 39B (1972) 654
Sauli, F., see M. Bott-Bodenhausen 40B (1972) 693
Saulys, A., see L. Criegee 28B (1969) 282
Saunders, B.G., see W. John 24B (1967) 336
Saunier, G., see B. Rouben 42B (1972) 385
Saunier, G., B. Rouben, J.M. Pearson, Bubbles and the odd-state force 48B (1974) 293
Saunier, N., see G. Bassani 30B (1969) 621; 34B (1971) 612
Sauvage, G., see B. Delcourt 29B (1969) 70, 75
Sauvage, G., see D. Benaksas 39B (1972) 289; 42B (1972) 507, 511
Sauvage, G., see J. Badier 39B (1972) 414; 41B (1972) 387
Sauvage, G., see G. Cosme 40B (1972) 685; 48B (1974) 155
Savin, I., see M. Bott-Bodenhausen 23B (1966) 277; 24B (1967) 194, 438
Savin, I.A., see V.K. Birulev 38B (1972) 452
Savin, I.A., see Berlin ... collaboration 48B (1974) 257
Savin, I.A., see K.F. Albrecht 48B (1974) 393
Savin, W., see W. Makofske 25B (1967) 322
Savin, W., see F.T. Baker 40B (1972) 355
Savit, R., see T.L. Neff 38B (1972) 515
Savitsky, G.A., see I.S. Gulkarov 27B (1968) 417
Savitsky, G.A., see V.M. Khvastunov 28B (1969) 119
Savoia, M., see P.L. Ottaviani 24B (1967) 353

Sawada, T., Relation between the total cross section and the slope of $\ln(d\sigma/dt)$ in the high energy scattering 32B (1970) 700
Sawada, T., Proposal to observe the "Van der Waals force" in hadron-hadron scattering 43B (1973) 517
Sawicki, J., see P.L. Ottaviani 24B (1967) 353
Sawicki, J., see M. Gmitro 26B (1968) 252, 493
Sawyer, R.F., H.K. Shepard, Forward and near forward limits in Regge pole theory 27B (1968) 164
Saxena, R.P., see N. Mitra 25B (1967) 225
Saylor, T.K., J.X. Saladin, I.Y. Lee, K.A. Erb, Electric hexadecapole transition moments in ^{152,154}Sm 42B (1972) 51
Scadron, M.D., L.R. Thebaud, New estimate of the nucleon σ-terms 46B (1973) 257
Scandale, W., see B. Borgia 35B (1971) 340
Scarr, J.M., see D.J. Crennell 28B (1969) 136; 35B (1971) 185
Scarr, J.M., see A.M. Cnops 29B (1969) 45
Scarrott, S.M., see N. Berovic 27B (1968) 477
Schachter, M., see H.J. Mück 39B (1972) 303
Schaeffer, R., see D. Agassi 26B (1968) 703
Schaeffer, R., G.F. Bertsch, The pickup-stripping mechanism for inelastic and quasi-inelastic scattering 38B (1972) 159
Schaeffer, R., see F. Petrovich 46B (1973) 141
Schäfer, G., see B. Klemme 45B (1973) 38
Schäfer, G., H. Hübel, C. Günther, A. Goldman, D. Riegel, Nuclear magnetic resonance on the 10^-, 0.88 ms state in ^{206}Bi 46B (1973) 65
Schäfer, L., On a renormalized cluster expansion 41B (1972) 419
Schäfer, R.H., see T. Eichten 40B (1972) 593
Schalk, T.L., see Y.T. Oh 42B (1972) 497
Schaller, H., G. Kaindl, F. Wagner, P. Kienle, Change of the nuclear radius in the $K = \frac{1}{2}$ rotational band of ^{169}Tm 24B (1967) 397
Schaller, H., see F. Wagner 25B (1967) 253; 28B (1969) 548
Schaller, H., see K.-E. Rehm 46B (1973) 353
Schänzler, L., see H. Brückmann 24B (1967) 649; 30B (1969) 460
Scharenberg, R.P., see P. Sioshansi 39B (1972) 343
Scharenberg, R.P., see R.D. Larsen 40B (1972) 360
Scharenguivel, J.H., see L.L. Loos 31B (1970) 470
Scharenguivel, J.H., see L.J. Gutay 34B (1971) 152
Scharff, P., see M. Bott-Bodenhausen 23B (1966) 277; 24B (1967) 194, 438
Scharff-Goldhaber, G., see A. Arima 40B (1972) 7
Scharff-Goldhaber, G., M. McKeown, A.H. Lumpkin, W.F. Piel, Jr., "Forking" of ground state bands in ^{102}Pd and ^{100}Pd 44B (1973) 416
Scharnweber, D., see K. Albrecht 32B (1970) 229
Schatz, G., see G. Hauser 27B (1968) 220
Schatz, G., see J. Christiansen 35B (1971) 501
Scheck, F., L. Schülke, Possible tests of a current algebra sum rule in nuclear physics 25B (1967) 526
Scheer, J., see R. Müller 48B (1974) 25
Schegelsky, V.A., see I.M. Vasilevsky 23B (1966) 174
Schegelsky, V.A., see A.A. Vorobyov 41B (1972) 639
Scheibling, F., see S. Gorodetzky 22B (1966) 505; 24B (1967) 578
Scheid, W., see H. Holm 29B (1969) 473
Scheid, W., see G. Helling 36B (1971) 64

Scheid, W., see K. Jansen 47B (1973) 427
Schellenberg, L., see H.K. Walter 40B (1972) 197
Schellenberg, L., see R. Link 42B (1972) 57
Schenck, A., see F. Ackermann 26B (1968) 367
Schepers, H., see D. Haidt 29B (1969) 691
Scherk, J., see A. Neveu 27B (1968) 384
Scherk, J., see D.J. Gross 31B (1970) 592
Scherk, J., see T.H. Burnett 32B (1970) 115
Scherk, J., see D. Olive 44B (1973) 296
Scherk, J., see L. Brink 45B (1973) 379
Scherk, L., E.W. Vogt, On the magnitude of alpha-decay rates 25B (1967) 86
Scheuer, J.C., see R. Barloutaud 26B (1968) 674
Scheuer, J.C., see J. Goldberg 30B (1969) 434
Scheuer, J.C., see G. Giacomelli 31B (1970) 321; 33B (1970) 373
Scheuer, J.C., see W. Hoogland 33B (1970) 631
Scheuer, J.C., see V.V. Ammosov 42B (1972) 519
Schiavon, P., see G. Fidecaro 23B (1966) 163
Schiavon, P., see F. Bradamante 28B (1969) 191; 31B (1970) 87; 32B (1970) 303; 44B (1973) 202
Schiavuta, E., see P. Gorenstein 23B (1966) 394
Schiby, B., see A. Fridman 21B (1966) 462
Schiby, B., see K. Böckmann 28B (1969) 72
Schiby, R., see A. Fridman 23B (1966) 386
Schierholz, G., Derivation of the Gribov–Lipatov reciprocity relation in a scaling bootstrap model 47B (1973) 374
Schierholz, G., M.G. Schmidt, Dual light-cone model for the structure functions of deep inelastic scattering and annihilation 48B (1974) 341
Schiff, D., H. Yabuki, πN charge exchange polarization and the violation of the Pomeranchuk theorem 35B (1971) 589
Schiff, L.I., Quark selection principle 31B (1970) 79
Schiff, M., see I.A. Budagov 28B (1969) 215
Schiffer, J.P., see J.A. Nolen Jr. 27B (1968) 1; 29B (1969) 396
Schiffer, J.P., J.A. Nolen Jr., N. Williams, On Coulomb energies, the anomalous isotope shift of nuclear radii, and core polarization by the neutron excess 29B (1969) 399
Schiffer, J.P., see N. Anantaraman 37B (1971) 229
Schiffer, J.P., see H. Fann 44B (1973) 19
Schiffer, J.P., H.J. Körner, R.H. Siemssen, K.W. Jones, A. Schwarzschild, Experimental study of angular distributions and optimum Q values in heavy-ion reactions 44B (1973) 47
Schildknecht, D., see H. Fraas 35B (1971) 72; 37B (1971) 389
Schildknecht, D., see H. Satz 36B (1971) 85
Schildknecht, D., see J.J. Sakurai 40B (1972) 121; 41B (1972) 489; 42B (1972) 216
Schildknecht, D., see B. Gorczyca 47B (1973) 71
Schiller, H., see J. Bartsch 22B (1966) 357; 28B (1969) 439
Schiller, H., see R. Speth 29B (1969) 252
Schiller, H., see J.V. Beaupre 34B (1971) 160; 40B (1972) 510; 41B (1972) 393
Schiller, H., see K. Boesebeck 34B (1971) 659
Schilling, K., see P.H. Frampton 36B (1971) 361
Schilling, K., see J. Engels 49B (1974) 171
Schilling, K.-D., see W. Andrejtscheff 40B (1972) 92

Schimmerling, W., T.J. Devlin, W. Johnson, K.G. Vosburgh, R.E. Mischke, Neutron-nucleus total cross sections from 900 to 2600 MeV/*c* 37B (1971) 177
Schinzel, D., see J. Favier 31B (1970) 609
Schivell, J., see F.T. Dao 45B (1973) 73, 399, 402
Schivell, J., see T. Ludham 48B (1974) 449
Schlamp, P., see H.G. Hilpert 27B (1968) 474
Schlein, P., see G. Grayer 34B (1971) 333; 35B (1971) 610; 39B (1972) 563
Schlein, P.E., see P.M. Dauber 23B (1966) 154; 24B (1967) 525
Schlein, P.E., see C.Y. Chien 28B (1969) 143, 615; 29B (1969) 433
Schlein, P.E., see T.G. Trippe 28B (1969) 203; 29B (1969) 390
Schlein, P.E., see F.T. Dao 45B (1973) 73, 399, 402
Schlenz, H., see H. Blumberg 22B (1966) 328
Schlenz, H.O., see E. Bodenstedt 29B (1969) 165
Schlitt, D.W., Conditions for the early onset of KNO scaling 47B (1973) 47
Schlitter, J., see M. Fink 39B (1972) 147
Schlösser, E., see K. Bätzner 39B (1972) 575
Schludecker, P., see J. Engler 27B (1968) 599; 28B (1969) 64; 29B (1969) 321
31B (1970) 669; 32B (1970) 716; 34B (1971) 528
Schlüpmann, K., see J.V. Allaby 27B (1968) 49; 28B (1969) 67, 229; 29B (1969) 198
30B (1969) 549; 33B (1970) 429; 34B (1971) 431
Schlüpmann, K., see Yu.B. Bushnin 29B (1969) 48
Schlüpmann, K., see U. Amaldi 34B (1971) 435
Schmeing, H., R. Santo, Backward-angle anomalies in inelastic alpha-particle scattering on ^{40}Ca 33B (1970) 219
Schmeing, H., J.C. Hardy, R.L. Graham, J.S. Geiger, K.P. Jackson, A new $N = Z$ isotope: krypton 72 44B (1973) 452
Schmeing, H., see K.P. Jackson 49B (1974) 341
Schmeing, N.C., see W. Fetscher 34B (1971) 171
Schmeissner, F., see G. Backenstoss 36B (1971) 422
Schmelzbach, P.A., see W. Grüebler 36B (1971) 337
Schmelzer, Ch., see H.-D. Betz 22B (1966) 643
Schmid, C., J. Yellin, Self-consistent couplings of the 1^- and 2^+ nonets to the 0^- mesons 27B (1968) 19
Schmid, C., Construction of the $\pi\pi$ scattering amplitude from superconvergence 28B (1969) 348
Schmid, C., see C. Daum 31B (1970) 222
Schmid, C., see P.H. Frampton 36B (1971) 361
Schmid, E.W., see D. Clement 49B (1974) 308
Schmid, K.W., see A. Faessler 34B (1971) 31
Schmid, P., see J.V. Beaupré 34B (1971) 160; 40B (1972) 510
Schmid, P., see J.R. Fry 43B (1973) 146
Schmidt, D., see C. Driver 35B (1971) 77, 81
Schmidt, F.H., see J. Eenmaa 28B (1969) 321
Schmidt, F.H., C. Baglin, P.J. Carlson, Å. Eide, V. Gracco, E. Johansson, A. Lundby, Fluctuations in large-angle πp elastic scattering a 5 GeV/*c* 45B (1973) 157
Schmidt, H., J. Morgenstern, H.J. Körner, J. Braunsfurth, S.J. Skorka, Excited-state *g* factors in ^{18}F and ^{22}Na 24B (1967) 457
Schmidt, H., see J. Morgenstern 27B (1968) 370
Schmidt, H., see D. Evers 27B (1968) 423
Schmidt, J.W., see J. Morgenstern 27B (1968) 370

Schmidt, J.W., see D. Evers 27B (1968) 423
Schmidt, K.H., see J. Bleckwenn 38B (1972) 265
Schmidt, M.G., Towards a dynamical interpretation of dual amplitudes with Mandelstam analyticity 43B (1973) 417
Schmidt, M.G., see G. Schierholz 48B (1974) 341
Schmidt, P., see T.H. Tan 28B (1969) 195
Schmidt, W., see W. Bartel 25B (1967) 236, 242; 27B (1968) 660; 28B (1969) 148 30B (1969) 285
Schmidt, W., see R. Manweiler 33B (1970) 366
Schmidt, W., see G. Höhler 38B (1972) 237
Schmidt, W., H. Schneider, A microscopic view of inclusive spectra 41B (1972) 315
Schmidt-Parzefall, W., see J. Engler 31B (1970) 669; 32B (1970) 716; 34B (1971) 528
Schmidt-Parzefall, W., see G. Neuhofer 37B (1971) 438; 38B (1972) 51
Schmidt-Parzefall, W., see H. Dibon 44B (1973) 313
Schmidt-Parzefall, W., Rapidity correlations in particle production at the ISR interpreted by independent emission of clusters 46B (1973) 399
Schmidt-Rohr, U., see B. Duelli 23B (1966) 485
Schmidt-Rohr, U., see G.Th. Kaschl 29B (1969) 167
Schmitt, D., see U. Lynen 27B (1968) 76
Schmitt, D., see W. Deinet 30B (1969) 359, 426
Schmitt, D., S. Buniatov, E. Zavattini, W. Deinet, H. Müller, H.M. Staudenmaier, Experimental limit for the decay mode $\eta \to \pi^0\gamma\gamma$ 32B (1970) 638
Schmitt, H., see H. Daniel 26B (1968) 281
Schmitt, H., see G. Poelz 26B (1968) 331
Schmitt, H., L. Tauscher, G. Backenstoss, S. Charalambus, H. Daniel, H. Koch, G. Poelz, π-mesic 4f-3d and 5g-4f X-rays 27B (1968) 530
Schmitt, H., see H. Koch 28B (1969) 279; 29B (1969) 140
Schmitt, H., see G. Backenstoss 25B (1967) 365, 547; 31B (1970) 233; 32B (1970) 399 33B (1970) 230; 36B (1971) 403; 43B (1973) 539
Schmitt, H.A., see G. Backenstoss 41B (1972) 552
Schmitt, H.W., see R.L. Ferguson 31B (1970) 526
Schmitt, H.W., see Um Mosel 37B (1971) 335
Schmitt, H.W., see H. Rösler 38B (1972) 501
Schmitt, R., see Barcelona ... collaboration 48B (1974) 467
Schmittroth, F.A., see G.M. Crawley 32B (1970) 92
Schmitz, D., see M. Braunschweig 22B (1966) 705; 26B (1968) 405
Schmitz, D., see C. Bemporad 25B (1967) 380; 29B (1969) 383
Schmitz, D., see W. Braunschweig 33B (1970) 236
Schmitz, D., see H. Bienlein 46B (1973) 131
Schmitz, N., see H.G. Hilpert 23B (1966) 707
Schmitz, N., see R. Erbe 27B (1968) 54
Schmitz, N., see R. Armenteros 28B (1969) 521
Schmitz, P., see F. Crijns 22B (1966) 533
Schmitz, P., see J. Bartsch 25B (1967) 48
Schmüser, P., see W. Bertram 21B (1966) 471
Schmüser, P., see G. Buschhorn 25B (1967) 622
Schmüser, P., see Chr. Geweniger 28B (1969) 155; 29B (1969) 41
Schmüser, P., see G. Vogel 40B (1972) 513

Schmüser, P., see H. Burfeindt 43B (1973) 345
Schnackers, H., see H.G. Hilpert 27B (1968) 474
Schneegans, M., see M. Banner 41B (1972) 547; 44B (1973) 537
Schneegans, M.A., see M. Basile 38B (1972) 117
Schneider, C., see G. Jacob 45B (1973) 181
Schneider, H., see R. Armenteros 24B (1967) 198
Schneider, H., see W. Schmidt 41B (1972) 315
Schneider, J., see P. Bonamy 23B (1966) 501
Schneider, T.R., Convergence of generalized spherical harmonic expansions in the three nucleon bound state 40B (1972) 439
Schneider, W.F.W., B. Kohlmeyer, F. Pühlhofer, R. Bock, Interference of two-neutron and α-transfer in the reaction $^{14}C(^{16}O, ^{18}O)^{12}C$ 46B (1973) 195
Schneps, J., see C. Mayeur 33B (1970) 441
Schneps, J., see P. Beillière 39B (1972) 671
Schneps, J., see G. Wilquet 42B (1972) 372
Schneuwly, H., see R Link 37B (1971) 50; 42B (1972) 57
Schneuwly, H., see H.K. Walter 38B (1972) 64; 40B (1972) 197
Schomblond, C., see J.L. Basdevant 45B (1973) 48
Schonberg, E., see P.G.O. Freund 28B (1969) 600
Schopper, H., see P. Bock 22B (1966) 316
Schopper, H., see J. Engler 27B (1968) 599; 28B (1969) 64; 29B (1969) 321; 31B (1970) 669; 32B (1970) 716; 34B (1971) 528
Schotanus, D.J., see K. Böckmann 28B (1969) 72
Schotsmans, L., see M. Bouten 22B (1966) 510; 27B (1968) 61; 33B (1970) 457; 35B (1971) 464
Schovansky, V.D., see Y.D. Bajukov 24B (1967) 598
Schrack, R.A., see R.B. Schwartz 30B (1969) 36
Schrader, M., see H.V. Klapdor 49B (1974) 431
Schramm, D.N., High energy fission and spallation systematics for trans-bismuth nuclei 38B (1972) 363
Schrankel, W., see W.W.M. Allison 25B (1967) 619
Schrankel, W., see H.J. Mück 39B (1972) 303
Schrankel, W., see V. Blobel 48B (1974) 73
Schreiber, H.J., see R. Erbe 27B (1968) 54
Schreiber, H.J., see J.V. Beaupre 37B (1971) 432; 40B (1972) 510
Schreiber, H.J., see K.-J. Biebl 42B (1972) 221
Schreiber, J., see H.G. Hilpert 27B (1968) 474
Schreiner, P., see Chih-Yung Chien 25B (1967) 426
Schreiner, P.A., see C.Y. Chien 28B (1969) 143
Schreiner, P.A., see R. Singer 49B (1974) 481
Schrempp, F., New finite-energy sum rules based on the multiple-scattering model for Regge cuts 29B (1969) 598
Schrempp, F., see B. Schrempp-Otto 36B (1971) 463
Schrempp-Otto, B., F. Schrempp, T.F. Walsh, Finite-energy sum rules and the reactions ee → eeε (750) and eef → eef (1260) 36B (1971) 463
Schrils, R., H.M. Darley, Modified Herndon and Tang Λ-N potentials 29B (1969) 291
Schrock, B.L., see S.S. Wilson 35B (1971) 83
Schröder, H., K.K. Kern, D. Fick, The five-nucleon system above the three-particle threshold 48B (1974) 206
Schröder, W.U., see R. Baader 27B (1968) 425, 428

Schröder, W.U., see H.K. Walter 38B (1972) 64; 40B (1972) 197
Schröder, W.U., see R. Link 42B (1972) 57
Schrödl, E., see S. Büttgenbach 43B (1973) 479
Schroeder, L.S., see H.J. Martin Jr. 22B (1966) 352
Schroeder, L.S., see R.J. Ott 42B (1972) 133
Schübbelin, P., see B. Levrat 22B (1966) 714
Schübelin, P., see G. Chikovani 22B (1966) 233; 23B (1966) 157; 25B (1967) 44
Schübelin, P., see H. Benz 28B (1969) 233
Schübelin, P., see G.E. Chikovani 28B (1969) 526
Schübelin, P., see R. Band 30B (1969) 129; 31B (1970) 397, 401, 549
Schubert, K.R., see J.C. Chollet 31B (1970) 658
Schubert, K.R., B. Wolff, J.C. Chollet, J.-M. Gaillard, M.R. Jane, T.J. Ratcliffe, J.-P. Repellin, The phase of η_{oo} and the invariances *CPT* and *T* 31B (1970) 662
Schubert, K.R., see B. Wolff 36B (1971) 517
Schubert, K.R., see J.-P. Repellin 36B (1971) 603
Schubert, K.R., see G. Neuhofer 37B (1971) 438; 38B (1972) 51
Schubert, K.R., see H. Dibon 44B (1973) 313
Schucan, Th.H., see P. Strehl 27B (1968) 641
Schucan, T.H., see H.M. Hofmann 45B (1973) 421
Schulé, R., see B. Martin 46B (1973) 367
Schüler, K.P., see L. Criegee 28B (1969) 282
Schülke, L., see F. Scheck 25B (1967) 526
Schulte, R., see J.V. Beaupré 41B (1972) 393
Schultheis, H., R. Schultheis, Axial asymmetric fission-barrier distortions 34B (1971) 245
Schultheis, H., R. Schultheis, On oblate-prolate transitions in the fission of super-heavy nuclei 35B (1971) 296
Schultheis, H., R. Schultheis, Secondary shells in a semi-empirical treatment 37B (1971) 467
Schultheis, H., R. Schultheis, Ternary fission and the stability of superheavy elements 49B (1974) 413
Schultheis, R., see H. Schultheis 34B (1971) 245; 35B (1971) 296; 37B (1971) 467; 49B (1974) 413
Schultz, H.L., see G.T. Hickey 47B (1973) 348
Schultz, J., see T.H. Tan 28B (1969) 195
Schultz, W., see D. Huwe 24B (1967) 252
Schultze, K., see T. Eichten 27B (1968) 586; 40B (1972) 593; 46B (1973) 274
Schultze, K., see F.J. Hasert 46B (1973) 121, 138
Schulz, D.H., see G. Bathow 25B (1967) 163
Schulz, H., H. Wiebicke, Nonlocal optical model calculations for the elastic scattering of protons 21B (1966) 190
Schulz, H., H.J. Wiebicke, One-nucleon transfer reactions on deformed nuclei 29B (1969) 18
Schulz, W., see Yu.N. Rakivnenko 44B (1973) 462
Schultz von Dratzig, A., see W. Braunschweig 33B (1970) 236
Schultz Von Dratzig, see H. Bienlein 46B (1973) 131
Schultz von Dratzig, A., see Ch. Berger 47B (1973) 377
Schumacher, F., see Chr. Berger 28B (1969) 276
Schumacher, M., J. Weiss, H. Langhoff, Coulomb fragmentation of InCl and InI 31B (1970) 61
Schumacher, P.E., see G. Neuhofer 37B (1971) 438; 38B (1972) 51
Schumacher, P.E., see H. Dibon 44B (1973) 313
Schune, D., see Barcelona ... collaboration 48B (1974) 467
Schürlein, B., see M.A. Faessler 46B (1973) 468

Schütte, D., see H.R. Petry 38B (1972) 167
Schüttler, E., see H.G. Hilpert 23B (1966) 707
Schüttler, E., see R. Erbe 27B (1968) 54
Schwaller, P., M. Pepin, D.F. Measday, P.-U. Renberg, B. Favier, C. Richard-Serre, Proton-proton total cross sections between 179 and 555 MeV 35B (1971) 243
Schwalm, D., B. Povh, Reorientation measurements in ^{20}Ne and ^{22}Ne 29B (1969) 103
Schwalm, D., see G.T. Garvey 35B (1971) 563
Schwandt, P., B.W. Ridlye, S. Hayakawa, L. Put, J.J. Kraushaar, Differential cross sections and phase shifts for ^{3}He + ^{4}He elastic scattering between 27 and 43 MeV 30B (1969) 30
Schwandt, P., see P. Singh 42B (1972) 181
Schwartz, J.J., W. Parker Alford, Re-examination of the spin of the ^{45}Sc 378 keV level 21B (1966) 441
Schwartz, J.J., $1f_{7/2} - 2p_{3/2}$ interactions 24B (1967) 224
Schwartz, J.J., B.A. Watson, Particle-hole states in ^{48}Sc observed via the ^{48}Ca(^{3}He,t) reaction 29B (1969) 567
Schwartz, J.J., B.A. Watson, Cross-shell transitions in the (^{3}He,t) reaction 31B (1970) 198
Schwartz, M., see T.W. Donnelly 49B (1974) 8
Schwartz, R.B., R.A. Schrack, H.T. Heaton, A search for structure in the n-p scattering cross section 30B (1969) 36
Schwarz, B., see V. Blobel 48B (1974) 73
Schwarz, J.H., see D.J. Gross 31B (1970) 592
Schwarz, J.H., see T.H. Burnett 32B (1970) 115
Schwarz, J.H., see A. Neveu 34B (1971) 517; 35B (1971) 529
Schwarz, J.H., Dual quark-gluon model of hadrons 37B (1971) 315
Schwarz, J.H., C.C. Wu, Evaluation of dual fermion amplitudes 47B (1973) 453
Schwarzschild, A., see J.P. Schiffer 44B (1973) 47
Schwarzschild, A.Z., see P.D. Bond 47B (1973) 231
Schweimer, G.W., H. Rebel, G. Nowicki, G. Hauser, R. Löhken, Evidence for prolate shape of ^{32}S from 104 MeV α-particle scattering 39B (1972) 627
Schweimer, G.W., see M. Berg 42B (1972) 211
Schweimer, W., see G. Hauser 27B (1968) 220
Schweinberger, W., D. Bertrand, M. Czejthey-Barth, P. van Binst, W.L. Knight, J. Lemonne, C.D. Esveld, F. Bobisut, M. Mattioli, G. Miari, An experimental study of the decay rate, form factors and $\pi\pi$ phase-shift in K^{+}_{e4} decay 36B (1971) 246
Schweingruber, F., see J. Mott 23B (1966) 171
Schwesinger, B., W. Stocker, A DWBA model calculation for stripping to unbound states 39B (1972) 475
Schwille, W.J., see P. Feller 49B (1974) 197
Schwimmer, A., see L. Caneschi 30B (1969) 351; 33B (1970) 577
Schwimmer, A., see F.J. Gilman 31B (1970) 387
Schwimmer, A., see J. Mandula 37B (1971) 109
Schwinger, J., Chiral dynamics 24B (1967) 473
Schwitter, A., see G. Backenstoss 38B (1972) 181; 41B (1972) 552; 43B (1973) 431
Sciacca, G., see C. Bacci 39B (1972) 559
Sciarrino, A., see G. Cosenza 27B (1968) 398
Scipione, D., W. Mehlhop, R. Garland, O. Piccioni, P. Kirk, P. Bowles, J. Sebek, S.S. Murty, H. Kobrak, J. Marraffino, P. Allen, Nuclear levels as analyzers of high energy interactions 42B (1972) 489
Sciré, M., see M. Cullen 32B (1970) 523
Scirè, M., see P. Darriulat 33B (1970) 249, 433

Scire, M., see M. Holder 40B (1972) 141
Scobie, J., see M. Marshall 23B (1966) 583
Sconza, A., see L. Behr 22B (1966) 540
Sconza, A., see H.J. Steiner 36B (1971) 521
Sconza, F., see D. Haidt 29B (1969) 696
Scott, A., see C.B. Fulmer 24B (1967) 505; 32B (1970) 454
Scott, A., M.L. Whiten, J.B. Ball, Excitation of the 0.908 MeV level in ^{89}Y by inelastic scattering of 61.2 MeV protons 25B (1967) 463
Scott, D.K., see N. Anyas-Weiss 45B (1973) 231; 47B (1973) 442
Scott, D.K., see D. Strottman 47B (1973) 16
Scott, W.G., see F.J. Hasert 46B (1973) 121, 138
Scott, W.G., see T. Eichten 46B (1973) 274
Scotter, D., R. Erskine, I.S. Hughes, K. Paler, L.K. Sisterston, F. Gandini, W. Ochs, J. Allison, Ω^- production by 6 GeV/c K^- mesons 26B (1968) 474, 736
Scribano, A., see C. Alff-Steinberger 21B (1966) 595
Scribano, A., I. Mannelli, G. Pierazzini, J. Marx, D. Nygren, J. Peoples, T. Kirk, J. Steinberger, Charge asymmetry in the decay $K_L \to \pi^+\pi^-\pi^0$ 32B (1970) 224
Scribano, A., see W.D. Apel 40B (1972) 680; 41B (1972) 234, 542; 46B (1973) 459
Seaborn, J.B., D. Drechsel, H. Arenhövel, W. Greiner, Collective correlation in the giant resonance of ^{60}Ni 23B (1966) 576
Seagrave, J.D., see W.T.H. Van Oers 24B (1967) 562
Seagrave, J.D., see R.K. Walter 30B (1969) 626
Seaman, G.G., see M.C. Bertin 26B (1968) 623
Sears, R., see D.D. Allen 21B (1966) 468; 22B (1966) 543
Sears, R., see V. Domingo 24B (1967) 642; 25B (1967) 486
Sears, R., R. Socash, L. Marshall Libby, Single pion production in pp interactions at 2.7 GeV/c 29B (1969) 700
Sebe, T., see A. Rima 24B (1967) 129
Sebek, J., see D. Scipione 42B (1972) 489
Segar, A.M., see A. Larribe 23B (1966) 600
Segar, A.M., see P.J. Litchfield 24B (1967) 486
Segar, A.M., see D.C. Colley 24B (1967) 489
Segel, R.E., see D.H. Youngblood 22B (1966) 625
Segler, S.L., see F.W. Büsser 46B (1973) 471; 48B (1974) 371, 377
Segrè, G., see G. Patsakos 23B (1966) 141
Segre, G., see L.N. Chang 39B (1972) 207
Seguinot, J., see G. Chikovani 22B (1966) 233
Séguinot, J., see C. Bricman 29B (1969) 451; 31B (1970) 152, 148
Séguinot, J., see G. Bizard 31B (1970) 481
Séguinot, J., see P. Baillon 50B (1974) 377, 383, 387
Sehgal, L.M., General constraints neutrino electron cross-sections 48B (1974) 60
Sehgal, L.M., Theoretical interpretation of results on neutral currents in inclusive neutrino reactions 48B (1974) 133
Seibt, E., Ch. Weddigen, K. Weigele, Double scattering of 51 MeV deuterons on carbon 27B (1968) 567
Seibt, E., see W. Fetscher 34B (1971) 171; 35B (1971) 31
Seibt, E., C. Weddigen, Absolute vector polarization calibration in the elastic scattering of deuterons on carbon at medium energies 35B (1971) 509
Seidl, A.A., see J.W. Chapman 47B (1973) 465

Seidler, W.A., see A.M. Bernstein 34B (1971) 569; 39B (1972) 583
Seiler, P.-G., see K. Borer 29B (1969) 614; 30B (1969) 572
Seim, B., see F. Rauch 48B (1974) 33
Sekera, Z., see P.V. Chliapnikov 39B (1972) 279
Sekera, Z., see J.N. Carney 42B (1972) 124
Seki, R., see T. Mikumo 23B (1966) 586
Seki, R., see M. Leon 46B (1973) 299; 48B (1974) 173
Seki, S., see J. Sanada 39B (1972) 509; 40B (1972) 546
Sekulin, R., see G. Bassompierre 25B (1967) 440; 37B (1968) 468
Sekulin, R., see Y. Goldschmidt-Clermont 27B (1968) 602
Sekulin, R.L., see G. Bassompierre 26B (1968) 30
Sekulin, R.L., see M. Jobes 26B (1968) 49
Seleverstov, D.M., see A.A. Vorobyov 30B (1969) 332; 40B (1972) 102
Seleznev, V.S., see S.P. Denisov 36B (1971) 528
Seligman, T.H., see R.Ma Méndez V. 36B (1971) 307
Seligman, T.H., see H.H. Hackenbroich 41B (1972) 102
Selivanov, V.I., see I.I. Gurevich 29B (1969) 387
Selonke, F., see H.J. Mück 39B (1972) 303
Selonke, F., see V. Blobel 48B (1974) 73
Semenko, S.F., see O.V. Vasilijev 30B (1969) 97
Semenko, S.F., O.V. Vasilijev, V.A. Semenov, On the effects of "phase transitions" at the giant dipole resonance excitations 31B (1970) 429
Semenov, V.A., see O.V. Vasilijev 30B (1969) 97
Semenov, V.A., see S.F. Semenko 31B (1970) 429
Semenov, V.K., see V.N. Bolotov 38B (1972) 120
Semenov, V.K., see V.I. Belousov 43B (1973) 76
Semenov, Yu.A., see M.Ya. Balatz 26B (1968) 320
Semerdjiev, Kh., see O. Balea 39B (1972) 571
Semerdjev, Kh., see Alma ... collaboration 48B (1974) 277
Sen, A., see R.C. Brower 46B (1973) 105
Sen, S., B.K. Sinha, Low energy properties of the odd mass antimony isotopes 31B (1970) 509
Sendall, D.M., see F. James 35B (1971) 265
Sené, M., see P.V. Chliapnokov 39B (1972) 279
Sene, M., see J.N. Carney 42B (1972) 124
Sene, M., see V.A. Bumazshnov 50B (1974) 283
Sen Gupta, A.K., see W.M. Currie 28B (1969) 480
Sen Gupta, A.K., see R.K. Jolly 28B (1969) 546
Sen Gupta, H.M., see Il-T. Cheon 29B (1969) 268
Senko, V.A., see Yu.M. Antipov 29B (1969) 245; 30B (1969) 576
Senner, A.E., see Berlin ... collaboration 48B (1974) 257
Sens, J.C., see S. Andersson 28B (1969) 611; 30B (1969) 56
Sens, J.C., see M.G. Albrow 34B (1971) 337; 35B (1971) 247
40B (1972) 136; 42B (1972) 279; 44B (1973) 207, 518
Seppi, E., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Seppi, E., see C.-Y. Chien 33B (1970) 627; 35B (1971) 261
Seppi, see E. Dally 41B (1972) 647
Serbo, V.G., see V.M. Budnev 39B (1972) 526
Serdaroğlu, M., see A. Ebrahim 50B (1974) 258

Serdaruglu, M., see A. Ebrahim 48B (1974) 338
Serduke, F.J.D., see D.H. Gloeckner 40B (1972) 597
Serduke, F.J.D., see I.R. Afnan 44B (1973) 143
Serebrjakov, S.G., see V.V. Komarov 34B (1971) 275
Serebryakov, V.V., D.V. Shirkov, Energy behaviour of -phase shift in $\pi\pi$ scattering 25B (1967) 138
Serednyakov, S.I., see V.E. Balakin 37B (1971) 435; 41B (1972) 205
Serednyakov, S.I., see L.M. Kurdadze 42B (1972) 515
Seregin, N.S., see N.S. Rabotnov 29B (1969) 162
Sergeev, V.A., see V.I. Belousov 43B (1973) 76
Sergeyev, V.A., New ^{4}He levels and the difference in angular distributions for the reactions D(d, p)^{3}He and D(d, p)^{3}H 38B (1972) 286
Sergiampietri, F., see P. Bonamy 23B (1966) 501
Sergiampietri, F., see W.D. Apel 40B (1972) 680; 41B (1972) 234, 542; 46B (1973) 459
Serikov, I.N., see K.P. Artemov 37B (1971) 61
Serra, P., see S. Focardi 24B (1967) 314
Serra, P., see J. Goldberg 30B (1969) 434
Serra, P., see G. Giacomelli 31B (1970) 321
Serra-Lugaresi, P., see W. Hoogland 33B (1970) 631
Sertorio, L., see A. Di giacomo 33B (1970) 171
Sesma, J., see J.M.G. Gomez 44B (1973) 231
Sestili, I., see E. Amaldi 41B (1972) 216
Seth, K.K., see J.A. Biggerstaff 25B (1967) 273
Seth, K.K., see R.G. Couch 29B (1969) 657
Seth, K.K., A. Saha, W. Stewart, W. Benenson, W.A. Lanford, H. Nann, B.H. Wildenthal, (p, t) reactions on odd-A nuclei and the weak-coupling core-excitation model 49B (1974) 157
Sette, G., see M. Holder 35B (1971) 355, 361; 36B (1971) 400
Sette, G., see G. Barbiellini 39B (1972) 294, 663
Sette, G., see A. Böhm 49B (1974) 491
Severi, M., see E. Amaldi 41B (1972) 216
Severin, N.F., see Yu.I. Titov 37B (1971) 422
Sewerynski, M., Self-consistent calculation of π-π scattering lengths, mass and width of the σ-meson 24B (1967) 423
Sextro, R.G., see J. Cerny 33B (1970) 284
Sextro, R.G., see J.E. Esterl 33B (1970) 287
Sextro, R.G., see R.A. Gough 43B (1973) 33
Seyboth, P., see H.G. Hilpert 23B (1966) 707; 27B (1968) 474
Seyboth, P., see R. Erbe 27B (1968) 54
Seyboth, P., see J. Ballam 30B (1969) 421
Seyboth, P., see Y. Eisenberg 34B (1971) 439
Seyboth, P., see H.H. Bingham 41B (1972) 635
Seyerlein, J., see H.G. Hilpert 23B (1966) 707
Seyerlein, J., see R. Erbe 27B (1968) 54
Seyfert, H., see Aachen ... collaboration 49B (1974) 388
Seyler, R.G., see W. Trächslin 25B (1967) 585
Seyler, R.G., see L.J.B. Goldfarb 28B (1969) 15
Shabratova, E.S., see E.V. Anzon 31B (1970) 237, 241
Shabratova, G.S., see M.G. Antonova 39B (1972) 282, 285
Shackleton, D., J. Trochon, J. Frehaut, M. Le Bars, Prompt neutron and gamma-ray yields in fission induced in ^{239}Pu by resonance neutrons: existence of the (n, γf) reaction 42B (1972) 344

Shadchin, S.A., see V.F. Kharchenko 37B (1971) 131
Shafee, A., see S. Shafee 36B (1971) 347
Shafee, S., A. Shafee, Split-width dual model 36B (1971) 347
Shafi, M., see Y. Goldschmidt-Clermont 27B (1968) 602
Shafranov, M.D., see Berlin ... collaboration 48B (1974) 257
Shafranova, M.G., see G.G. Beznogikh 30B (1969) 274; 39B (1972) 411; 43B (1973) 85
Shafrir, N.H., see T. Sikkeland 42B (1972) 201
Shah, J.A., M.G. Huber, M. Danos, Separability of the nuclear residual two-body interaction 28B (1969) 381
Shah, M., see O.N. Jarvis 36B (1971) 409
Shah, P.M., see R.F. Amann 42B (1972) 353
Shah, T.P., see J.V. Beaupré 34B (1971) 160
Shah, T.P., see K. Boesebeck 34B (1971) 659
Shah, T.P., see B. Chaurand 38B (1972) 253
Shah, T.P., see R. Barloutaud 38B (1972) 257
Shah, T.P., see K. Paler 43B (1973) 437; 48B (1974) 151
Shah, O., see R. Moreh 36B (1971) 71
Shakain, C.M., J. Svenne, Y.R. Waghmare, Generalized Hartree–Fock calculation with an effective interaction for finite nuclei 21B (1966) 209
Shakhova, C.I., see E.V. Anzon 31B (1970) 237, 241
Shakhova, C.I., see M.G. Antonova 39B (1972) 282, 285
Shakin, C.M., see W.L. Wang 32B (1970) 421
Shakin, C.M., see H.C. Pradhan 37B (1971) 151
Shakulashvili, O., see O. Balea 39B (1972) 571
Shambroom, D., see M. Cullen 32B (1970) 523
Shamu, R.E., see E.M. Bernstein 33B (1970) 465
Shamu, R.E., E.M. Bernstein, D. Blondin, J.J. Ramirez, G. Rochau, Effects of nuclear deformation on neutron total cross sections 45B (1973) 241
Shani, R.J., see P.J. Weisbach 25B (1967) 302
Shann, R.T., see N. Dombey 42B (1972) 486
Shannon, D., see M.B. Epstein 36B (1971) 305
Shannon, S., see P.R. Robrish 31B (1970) 617
Shapira, A., see R. Barloutaud 26B (1968) 674
Shapira, A., see G. Yekutieli 34B (1971) 101
Shapira, A., see Y. Eisenberg 34B (1971) 439; 43B (1973) 149; 48B (1974) 354
Shapira, A., see E. Hirsch 36B (1971) 139
Shapiro, F.L., see V.P. Alfimenkov 24B (1967) 151
Shapiro, F.L., see L.V. Groshev 34B (1971) 293
Shapiro, G., see P.R. Robrish 31B (1970) 617
Shapiro, I.S., see V.M. Kolybasov 25B (1967) 497
Shapiro, I.S., see O.D. Dalkarov 26B (1968) 706
Shapiro, J.A., Electrostatic analogue for the Virasoro model 33B (1970) 361
Shapiro, P., see J.J. Kolata 32B (1970) 277
Shapiro, P., see M.D. High 41B (1972) 588
Shapiro, S., see S. Devons 47B (1973) 271
Sharaf, M.A., see M. El-Nady 28B (1969) 165
Sharaf, M.A., Angular momentum matching for alpha-particle scattering 40B (1972) 5
Sharaf, M.A., M.I. Waly, Three-particles final state reactions 40B (1972) 67

Sharaf, M.A., see G. Baur 41B (1972) 113
Sharkhu, G., see O. Balea 39B (1972) 571
Sharkhuu, D., see E.V. Anzon 31B (1970) 237, 241
Sharkhuu, G., see M.G. Antonova 39B (1972) 282, 285
Sharma, J.S., A.N. Mitra, Backward pp → dπ^+ process in a model of N and N* exchange 46B (1973) 44
Sharma, M.K., see A. Gurtu 50B (1974) 391
Sharma, S.K., K.H. Bhatt, On the deformation producing tendency of the $T = 1$ interaction 36B (1971) 550
Sharma, S.K., K.H. Bhatt, A comparison of the pairing tendencies of the $T = 1$ and $T = 0$ interactions 41B (1972) 287
Sharma, S.K., K.H. Bhatt, Effective interactions and the $1f_{7/2}$ sub-shell closure in the 2p-1f shell 44B (1973) 491
Sharma, S.K., The structure of the ground states of nickel isotopes and the effective interactions in the 2p-1f shell 49B (1974) 5
Sharma, T.C., see J.M. Cameron 36B (1971) 35
Sharma, Y., see K.S.R. Sastry 26B (1968) 207
Sharp, P., see K.R. Chapman 21B (1966) 465
Sharp, P., see B. Alper 44B (1973) 527
Sharpey-Schafer, J.F., The mean square radius of nuclear matter and spectroscopic factors from the DWBA 26B (1968) 652
Sharpey-Schafer, J.F., see J.S. Forster 27B (1968) 285
Sharpey-Schafer, J.F., see J.L. Durell 29B (1969) 100
Sharrock, S., see B. Alper 44B (1973) 527
Sharrock, S.J., see P.C. Barber 32B (1970) 214
Shastry, S., M.L. Rustgi, On the odd-parity states in ^{4}He 25B (1967) 391
Shastry, S., Particle-hole excitations in ^{88}Sr 28B (1969) 85
Shaviv, G., see J.N. Bahcall 26B (1968) 359
Shaw, G., see C.J. Goebel 27B (1968) 291
Shaw, G., Phenomenological bounds on the π-π coupling constant 28B (1969) 44
Shaw, G., see D.R. Dance 28B (1969) 182
Shaw, G., see A. Donnachie 35B (1971) 419
Shaw, G., Isovector form factors and the rho-prime 39B (1972) 255
Shaw, J.E., see H.C. Kirkman 32B (1970) 519
Shcheglova, L., see Alma ... collaboration 48B (1974) 277
Shcherbakov, E., see O. Balea 39B (1972) 571
Sheaff, M., see D. Cline 25B (1967) 446
Shebanov, V.A., see V.V. Barmin 24B (1967) 249; 33B (1970) 377; 35B (1971) 604; 46B (1973) 465; 47B (1973) 463
Sheftel, M., J. Smorodinsky, P. Winternitz, Poincaré and Lorentz invariant expansions of relative amplitudes 26B (1968) 241
Shekhter, V.M., see V.N. Gribov 21B (1966) 457
Sheldon, W.R., see B.J. Bateman 36B (1971) 144
Shelest, V.P., see V.A. Miransky 35B (1971) 222; 43B (1973) 73
Shelest, V.P., see M.I. Gorenstein 45B (1973) 475
Sheline, R.K., M.J. Bennett, J.W. Dawson, Y. Shida, Mixing from different principal harmonic oscillator shells in Gd, Dy and Er nuclei 26B (1968) 14
Sheline, R.K., Y. Shida, On understanding the transition between spherical and deformed odd A-gadolinium nuclei 26B (1968) 210

Sheline, R.K., see N. Onishi 29B (1969) 402
Sheline, R.K., see R.F. Casten 32B (1970) 45
Sheline, R.K., see P. Möller 40B (1972) 329
Sheline, R.K., see E.B. Shera 40B (1972) 349
Sheline, R.K., see R. Boleu 40B (1972) 517
Sheline, R.K., I. Ragnarsson, S.G. Nilsson, Shell structure for deformed nuclear shapes 41B (1972) 115
Sheline, R.K., see A. Ikeda 44B (1973) 397
Sheline, R.K., see M. Ikeda 45B (1973) 187
Sheline, R.K., Competition between Coriolis-anti-pairing and decoupled band hybridization in nuclei 45B (1973) 459
Sheline, R.K., see S.E. Larsson 47B (1973) 422
Shelton, W.N., C.E. Watson, Test of the microscopic theory of the nuclear gamma vibration 22B (1966) 648
Shen, B.C., A. Firestone, G. Goldhaber, Antixi production in K^+p interactions at 9 GeV/c 25B (1967) 443
Shen, B.C., see M. Ferro-Luzzi 34B (1971) 524
Shen, B.C., see A.D. Brody 34B (1971) 665
Shen, B.C., see A. Kernan 41B (1972) 163
Shen, B.C., see Y.T. Oh 42B (1972) 497
Shen, P., see C.-L. Jen 38B (1972) 81
Shenoy, G.K., see G.M. Kalvius 29B (1969) 489
Shepard, H.K., see R.F. Sawyer 27B (1968) 164
Shepard, H.K., see M. Ferro-Luzzi 34B (1971) 524
Shepard, H.K., see A. Kernan 41B (1972) 163
Shepard, H.K., see C.C. Shih 41B (1972) 321
Shepard, J.R., see H.W. Baer 35B (1971) 395
Shepard, J.R., F.M. Edwards, J.J. Kraushaar, Complex form factors in nucleon transfer reactions 40B (1972) 95
Shepard, P.F., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Shepard, P.F., see C.-Y. Chien 33B (1970) 627; 35B (1971) 61
Shepard, P.F., see E. Dally 41B (1972) 647
Shepard, P.F., see A.A. Derevchekov 48B (1974) 367
Shepelev, V., see A. Babaev 38B (1972) 342
Shepard, W.D., see I. Derado 24B (1967) 112
Shepard, W.D., see N.N. Biswas 27B (1968) 513
Shepard, W.D., see B.J. Deery 31B (1970) 82
Shephard W.D., see P.H. Stuntebeck 32B (1970) 391
Shephard, W.D., see M. Alston-Garnjost 39B (1972) 402
Shephard, W.D., see K. Paler 48B (1974) 151
Sher, M.S., see M.D. Miller 30B (1969) 157
Shera, E.B., A. Ikeda, R.K. Sheline, The $0^+ \rightarrow 0^+$ beta transition of ^{188}W 40B (1972) 349
Sherif, H., J.S. Blair, Inelastic proton scattering and the deformed spin-dependent optical potential 26B (1968) 489
Sherif, H., R. De Swiniarski, Thomas form of the spin-dependent optical potential and asymmetry of 20 MeV polarized protons 28B (1969) 96
Sherif, H.S., A.H. Hussein, Depolarization and the tensor part of the spin-spin term of the optical potential 41B (1972) 465
Sherman, R.H., see R.K. Walter 30B (1969) 626
Sherr, R., Coulomb displacement energies in the $1f_{7/2}$ shell 24B (1967) 321

Sherwood, A., see M. Rho 28B (1969) 102
Sherwood, B.A., see R.D. Ehrlich 23B (1966) 468
Shestakov, G.N., see N.N. Achasov 50B (1974) 448
Shestakov, V.D., see I.I. Gurevich 29B (1969) 387
Sheung Tsun, Tsou, see Chan Hong-Mo 28B (1969) 485
Shevchneko, N.G., see I.S. Gulkarov 27B (1968) 417
Shevchenko, N.G., see V.M. Khvastunov 28B (1969) 119
Shibata, E., M. Wahlig, Observation of $\omega^0 \to \pi^0 + \gamma$ 22B (1966) 354
Shibata, E.I., see H.R. Blieden 39B (1972) 668
Shibata, T., see H. Ejiri 38B (1972) 73
Shida, Y., see R.K. Sheline 26B (1968) 14, 210
Shida, Y., see E. Nolte 33B (1970) 294
Shields, D.J., see V.A. Ashford 38B (1972) 47
Shih, C.C., H.K. Shepard, Optimal extrapolation of pion-nucleon scattering: The σ term re-examined 41B (1972) 321
Shihab-Eldin, A.A., see D.R. Slaughter 38B (1972) 22
Shikata, Y., The *l*-forbidden magnetic dipole transitions 24B (1967) 557
Shikata, Y., The calculation of the states in ^{53}Fe 40B (1972) 611
Shikazono, N., Y. Kawarasaki, Nuclear photo-excitation of $T = \frac{3}{2}$ states in ^{23}Na and ^{31}P 32B (1970) 473
Shimada, T., see T. Eguchi 43B (1973) 56
Shimizu, K., see A. Arima 30B (1969) 517
Shimizu, K., A. Arima, On effective two body magnetic dipole operator 50B (1974) 417
Shimizu, S., see H. Mazaki 23B (1966) 137, 491
Shimizu, S., Y. Isomuzi, Y. Nakayama, Observation of the nuclear Raman scattering by ^{181}Ta 25B (1967) 124
Shin, Y.M., see G.D. Wait 33B (1970) 163
Shin, Y.M., see D.M. Skopik 43B (1973) 481
Shin, Y.M., see C.K. Malcolm 47B (1973) 433
Shirk, E.K., see D.O. Sullivan 34B (1971) 49
Shirkov, D.V., see V.V. Serebryakov 25B (1967) 138
Shirkov, D.V., Self-sustaining regime for Regge trajectories 32B (1970) 635
Shirkov, D.V., see V.V. Belokurov 47B (1973) 359
Shirley, D.A., see A.J. Soinski 26B (1968) 440
Shirley, D.A., see D. Quitmann 30B (1969) 329
Shirley, D.A., see F. Bacon 37B (1971) 181
Shirley, D.E., see S. Koički 32B (1970) 351
Shirokov, Yu.M., see A.I. Kirillov 39B (1972) 249
Shirokov, Yu.M., see V.I. Kukulin 39B (1972) 319
Shishov, N.N., see V.V. Barmin 46B (1973) 465; 47B (1973) 453
Shitikova, K.V., see I.V. Kurdyumov 31B (1970) 163
Shitikova, K.V., see F.A. Zhivopistsev 31B (1970) 347
Shively, F., see C. Defoix 28B (1969) 353
Shklovskaya, A., see O. Balea 39B (1972) 571
Shklovskaya, see Alma ... collaboration 48B (1974) 277
Shlomo, S., Coulomb energies and charge asymmetry of nuclear forces 42B (1972) 146
Shlomo, S., G.F. Bertsche, Coulomb energy shifts of the ground states of $A = 18$ and $A = 42$ nuclei 49B (1974) 401
Shlyapnikov, P.V., see G. Bozoki 28B (1969) 360

Shoda, K., M. Sugawara, T. Saito, H. Miyase, Isobaric analogue resonances in photo-proton reactions 28B (1969) 30
Shoda, K., see J.I. Fujita 33B (1970) 550
Shono, Y., see T. Marumori 25B (1967) 249
Shoshani, Y., see I. Kelson 40B (1972) 58
Shrauner, E., see H.C. Baker 38B (1972) 110
Shreve, D.C., see P.F. Mizera 25B (1967) 400
Shrum, E.V., K.O.H. Ziock, Measurement of muon energy in $\pi^+ \to \mu^+ + \nu_\mu$ decay, upper limit for the muon neutrino mass 37B (1971) 115
Shtarkov, J.N., see J. Hladky 31B (1970) 475
Shtarkov, L.N., see M.N. Khachaturyan 24B (1967) 349
Shtarkov, L.N., see R.G. Astvacaturov 27B (1968) 45
Shuang-Yuan Shieh, Electron-electron scattering cross section including polarization correlations 26B (1968) 232
Shukla, A.P., see A.B. McDonald 31B (1970) 119
Shukla, A.P., see M.H. Macfarlane 35B (1971) 11
Shuler, W.B., see R.A. Carrigan Jr. 25B (1967) 193
Shumilov, E., see A. Babaev 38B (1972) 342
Shuryak, E.V., Final state interaction in high energy e^+e^- annihilation into hadrons 34B (1971) 509
Shuryak, The multibody production at mediate energy 42B (1972) 357
Shuryak, E.V., The correlations of identical pions in multibody production 44B (1973) 387
Shuster, M.D., M. Rho, Exotic muon capture in nuclei and lepton conservation 42B (1972) 45
Shuster, M.D., see T. Risser 43B (1973) 68
Shuvalov, R.S., see Yu.B. Bushnin 29B (1969) 48
Shuvalov, R.S., see J.V. Allaby 30B (1969) 500
Shuvalov, R.S., see F. Binon 30B (1969) 506, 510; 31B (1970) 230
Shuvalov, R.S., see Yu.M. Antipov 34B (1971) 164
Shuvalov, R.S., see S.P. Denisov 34B (1971) 167; 36B (1971) 528
Shuvalov, R.S., see V.N. Bolotov 38B (1972) 120
Siaud, J., see C. Defoix 28B (1969) 353; 43B (1973) 141
Sick, I., see J.H. Heisenberg 32B (1970) 249
Sick, I., see G.C. Li 32B (1970) 317; 37B (1971) 282
Sick, I., see J.R. Ficenec 32B (1970) 460
Sick, I., see T.W. Donnelly Jr. 32B (1970) 545
Sick, I., see B.B.P. Sinha 35B (1971) 217
Sick, I., see L.A. Fajardo 37B (1971) 363
Sick, I., H. Flocard, M. Veneroni, The charge distribution difference between lead and bismuth 39B (1972) 443
Sick, I., see J.R. Ficenec 42B (1972) 213
Sick, I., see B. Antoine 44B (1973) 55
Sick, I., Model independent nuclear charge densities from elastic electron scattering 44B (1973) 62
Sidorenko, Z.S., see G.K. Bisheva 24B (1967) 533
Sidorenko, Z.S., see Y.D. Bajukov 24B (1967) 598
Sidorov, I., see A. Babaev 38B (1972) 342
Sidorov, I.V., see V.D. Antopolsky 28B (1969) 220, 223
Sidorov, V.A., see V.L. Auslander 25B (1967) 433
Sidorov, V.A., see V.E. Balakin 34B (1971) 99, 328, 663; 37B (1971) 435; 40B (1972) 431
41B (1972) 205

Sidorov, V.A., see L.M. Kurdadze 42B (1972) 515
Sidorov, V.M., see Yu.A. Batusov 22B (1966) 487
Sidwell, R., see A. Brabson 42B (1972) 283, 287
Siebert, B., see C. Burnap 33B (1970) 337
Siebert, H.W., see M.A. Faessler 46B (1973) 468
Siegal, C.D., Y.K. Gambhir, 0^+ states in Ni-isotopes described by the broken-pair approximation and the generator coordinate method 39B (1972) 151
Siegel, D.M., see P.M. Dauber 29B (1969) 609
Siegel, R.T., see R.A. Carrigan Jr. 25B (1967) 193
Siegel, S., L. Zamick, Effective charges for electric multipole transitions. I. First order perturbation theory 28B (1969) 450
Siegel, S., L. Zamick, Effective charges for electric multipole transitions. II. Random phase approximation 28B (1969) 453
Siegel, S., L. Zamick, Errata 29B (1969) 583
Siegel, S., see P. Goode 31B (1970) 418
Siegel, S., see P.J. Ellis 34B (1971) 177
Siemann, R.H., see W.W. Ash 24B (1967) 165
Siemens, P.J., see H.A. Bethe 27B (1968) 549
Siemens, P.J., J.P. Bondorf, D.H.E. Gross, F. Dickmann, Q-value dependence of heavy-ion transfer reactions above the Coulomb barrier 36B (1971) 24
Siemens, Ph.J., A. Sobiczewski, Asymptotic expansion for eigenvalue density 41B (1972) 16
Siemens, P.J., F.D. Becchetti, Particle-wave ambiguities in the interpretation of heavy-ion reactions 42B (1972) 389
Siemiarczyk, T., P. Zieliński, Correlated proton pairs in a high energy nuclear reaction 24B (1967) 675
Siemssen, R.H., see J.P. Schiffer 44B (1973) 47
Siepe, K., see K. Auerbach 22B (1966) 199; 23B (1966) 367
Sievers, P., see J. Engler 27B (1968) 599; 28B (1969) 64; 29B (1969) 321
31B (1970) 669; 32B (1970) 716; 34B (1971) 528
Siffert, P., see P.G. Hansen 28B (1969) 415, 596, 663
Signarbieux, C., J. Poitou, M. Ribrag, J. Matuszek, Correlation entre les énergies d'excitation des deux fragments complémentaires dans la fission spontanée de ^{252}Cf 39B (1972) 503
Signell, P., D. Marker, Proton-proton bremsstrahlung at 20 MeV, 35°: Theory 26B (1968) 559
Signell, P., P.M. Parker, Model dependence of G_{en} and the deuteron wave function 27B (1968) 264
Signell, P., D. Marker, Proton-proton bremsstrahlung at 3.2 and 10 MeV: theory 28B (1969) 79
Signell, P., see M.D. Miller 30B (1969) 157
Signorini, C., see P.G. Birretti 30B (1969) 94
Signorini, C., see F. Brandolini 30B (1969) 342
Signorini, C., H. Morinaga, A $4^+ \rightarrow 0^+$ cross-over transition in ^{204}Pb 40B (1972) 549
Signorini, C., see C.V.K. Baba 43B (1973) 483; 48B (1974) 218
Sigurdsson, G., see W.D. Apel 40B (1972) 680; 41B (1972) 234, 542; 46B (1973) 459
Sikkeland, T., A. Ghiorso, New californium isotope ^{242}Cf 24B (1967) 331
Sikkeland, T., A. Ghiorso, J. Maly, J. Nurmia, Decay properties of the new isotope ^{243}Cf and of ^{244}Cf 24B (1967) 333
Sikkeland, T., see M. Nurmia 26B (1968) 78
Sikkeland, T., Evidence for the production of compound nuclei with atomic number 110 27B (1968) 277
Sikkeland, T., Erratum 28B (1969) 663
Sikkeland, T., Effects of angular momentum on kinetic energy release in fission 31B (1970) 451
Sikkeland, T., N.H. Shafrir, N. Trautmann, Evidence for fission in incomplete fusion reactions 42B (1972) 201

Siksin, V., see C. Bruneton 44B (1973) 471
Siksin, V.V., see A.A. Derevshchikov 47B (1973) 473
Silbar, R.R., see F. Myhrer 50B (1974) 299
Silin, I.N., see I.M. Vasilevsky 23B (1966) 174
Sillou, D., see M. Borghini 31B (1970) 405; 36B (1971) 493, 497, 501
Sillou, D., see H. Aoi 35B (1971) 90
Silva, E., see J.E. Augustin 28B (1969) 503, 508, 513
Silva, R., see M. Nurmia 26B (1968) 78
Silva, R.J., see J.K. Dickens 21B (1966) 657
Silverman, A., see J.V. Allaby 23B (1966) 389
Silverman, D., P.D. Ting, H.J. Yesian, Inclusive experiments and a diffractive Pomeron bootstrap 35B (1971) 427
Silverman, D., see R.M. Barnett 44B (1973) 281
Silverman, D., see M. Bander 48B (1974) 243
Silverman, J.P., see D.B. Bastien 50B (1974) 290
Silvestre-Brac, B., R. Piepenbring, E1 and E0 transitions from excited 0^+ bands to the ground state band in even-even deformed nuclei 44B (1973) 357
Silvestri, A., see F. Conte 22B (1966) 702
Silvestri, A., see N.B. Durusoy 45B (1973) 517
Silvestrini, V., see B. Bartoli 36B (1971) 593, 598
Sil'vestrov, L.V., see V.K. Birulev 38B (1972) 452
Sil'vestrov, L.V., see Berlin ... collaboration 48B (1974) 257
Sil'vestrov, L.V., see K.F. Albrecht 48B (1974) 393
Simaitis, V.J., see R.M. Brown 42B (1972) 117
Simak, V., see J.A. Danysz 24B (1967) 309
Simak, V., see H.W. Atherton 43B (1973) 249
Simard, P.A., M. Banville, Nuclear structure in ideal space 38B (1972) 461
Simbel, M.H., see A.Y. Abul-Magd 34B (1971) 566
Simenog, I.V., On stability of systems with singular potentials 40B (1972) 53
Simenog, I.V., Threshold behaviour of the three-particle scattering amplitude and gas approximation in the many-body problem 46B (1973) 31
Siminović, J., see O. Adamović 21B (1966) 716
Simmons, J.E., see G.C. Salzman 45B (1973) 123
Simmons, J.E., see J.J. Jarmer 48B (1974) 215
Simon, B., see J.J. Loeffel 30B (1969) 656
Simon, B., see S. Graffi 32B (1970) 631
Simon, B., see F. Guerra 44B (1973) 102
Simon, R., I. Arens, R.S. Raghavan, H.J. Körner, Nuclear g-factor of the $2^{+\prime}$ gamma vibrational state in ^{160}Dy 28B (1969) 590
Simon, R., see E. Knapek 29B (1969) 581
Simon, W.G., see G.G. Ohlsen 28B (1969) 404; 29B (1969) 307
Simonius, M., Geometric consequences of charge independence and mirror symmetry in nuclear reactions 37B (1971) 446
Simonius, M., Parity violation in proton scattering 41B (1972) 415
Simonius, M., see J. Lang 46B (1973) 15
Simonoff, G.N., see A. Fleury 24B (1967) 576
Simonoff, G.N., see H. Delagrange 37B (1971) 355
Simonov, A.J., M.A. Troitsky, Static moments of even-even spherical nuclei in excited states 47B (1973) 405

Simonov, V.E., see V.K. Birulev 38B (1972) 452
Simonov, V.E., see Berlin ... collaboration 48B (1974) 257
Simonov, V.E., see K.F. Albrecht 48B (1974) 393
Simonov, Yu.A., see M.S. Dubovikov 23B (1966) 716
Simonov, Yu.N., see A.F. Dunaitsev 23B (1966) 283
Simonov, Yu.N., see V.I. Belousov 43B (1973) 76
Simopoulou, E., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Simopoulou, E., see Th. Papadopoulou 43B (1973) 401
Simpson, J., see J. Mott 23B (1966) 171
Simpson, J.J., U. Smilansky, A correction to some experiments to measure the reorientation effect 26B (1968) 581
Simpson, J.J., U. Smilansky, J.P. Wurm, The reorientation effect in ^{114}Cd 27B (1968) 633
Simpson, J.J., U. Smilansky, J.P. Wurm, Erratum 28B (1969) 422
Simpson, J.J., W.R. Dixon, R.S. Storey, The mass and energy levels of ^{44}Ti 30B (1969) 478
Sims, W.H., see R.P. Wieckowicz 28B (1969) 199
Sims, W.H., see R.S. Panvini 38B (1972) 55
Sinclair, D., see P.R. Christensen 45B (1973) 107
Sinclair, D., see J.B. Ball 49B (1974) 348
Singer, R., Y. Cho, T. Fields, L.G. Hyman, P.A. Schreiner, L. Voyvodic, R. Walker, J. Whitmore, R. Englemann, T. Kafka, C. Moore, M. Pratap, Two-particle rapidity correlations in 205 GeV/c pp interactions 49B (1974) 481
Singh, B., see H.A. Mavromatis 29B (1969) 282; 41B (1972) 251
Singh, B., see N. Kasis 37B (1971) 15
Singh, M., see R.M. DeVries 32B (1970) 193
Singh, P.P., P. Hoffman-Pinther, D.W. Lang, Frequency of spurious "intermediate resonances" in randomly generated cross sections 23B (1966) 255
Singh, P.P., P. Schwandt, Uniqueness in the radial dependence of the optical potential for alpha-nucleus scattering 42B (1972) 181
Singh, P.P., see F. Iachello 48B (1974) 81
Singh, P.P., see P. Colombani 48B (1974) 315
Singh, R., G.K. Mehta, Y.R. Waghmare, A study of configuration mixing in vibrational nuclei 45B (1973) 199
Singh, R.P., see R. Ray 28B (1969) 468
Singh, R.P., R. Raj, M.L. Rustgi, M1 and E2 transitions in ^{59}Ni 44B (1973) 409
Singh, V., see S.M. Roy 32B (1970) 50
Singh, Y., see M.K. Srivastava 32B (1970) 333
Singh, Y., see K.-F. Chong 38B (1972) 132
Sinha, B., D.K. Srivastava, N.K. Ganguly, Energy dependence of the optical potential 43B (1973) 113
Sinha, B., F. Duggan, The Thomas–Fermi approximation and the imaginary part of the optical potential 47B (1973) 389
Sinha, B.B.P., G.A. Peterson, I. Sick, J.S. McCarthy, Elastic electron scattering from isotones ^{40}Ca and ^{39}K 35B (1971) 217
Sinha, B.C., V.R.W. Edwards. The neutron excess distribution in ^{208}Pb 31B (1970) 273
Sinha, B.C., Isospin dependence of optical model potentials using a realistic effective interaction 33B (1970) 279
Sinha, B.C., V.R.W. Edwards, Evidence for a real Saxon-Woods derivative term in the proton optical potential 35B (1971) 391
Sinha, B.C., see V.R.W. Edwards 37B (1971) 225

Sinha, B.K., see S. Sen 31B (1970) 509
Sioshansi, P., D.A. Garber, W.C. King, R.P. Scharenberg, R.M. Steffen, R.M. Wheeler, Comparison of impact and radioactivity techniques and the magnetic dipole moments of the first 2^+ states in ^{188}Os, ^{190}Os and ^{192}Os 39B (1972) 343
Siotis, I., see D.M. Binnie 36B (1971) 257, 537; 39B (1972) 275
Šips, L., Two minima in the configuration $(11/2)^6$ 21B (1966) 205
Šips, L., Phenomenological limit of the semi-microscopic description 28B (1969) 448
Šips, L., V. Lopac, Note on the phenomenological description of anharmonic quadrupole vibrations 32B (1970) 649
Šips, L., Calculation of the quadrupole moments in Cd and Te isotopes 36B (1971) 193
Sire, S., see R.A. Donald 26B (1968) 327
Sirunian, A.M., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301; 48B (1974) 463
Sisoev, E.A., see I.A. Vetlitsky 21B (1966) 579
Sissakian, A.N., see B.M. Barbashov 33B (1970) 419, 484
Sistemich, K., see J.W. Grüter 33B (1970) 474
Sisterson, K., see W.W.M. Allison 25B (1967) 619
Sisteron, L.K., see D.C. Colley 24B (1967) 489
Sisterston, L.K., see D. Scotter 26B (1968) 474
Sitenko, A.G., V.F. Kharchenko, N.M. Petrov, On the effect of the two-nucleon potential shape on the neutron-deuteron scattering lengths 21B (1966) 54
Sitenko, A.G., V.F. Kharchenko, N.M. Petrov, The separable representation of the two-particle t-matrix and the three-nucleon problem 28B (1969) 308
Sitenko, A.G., A.D. Polozov, M.V. Evlanov, The diffraction dissociation of deuterons on the diffused edge nuclei 50B (1974) 229
Sitin, A.N., see V.N. Bolotov 38B (1972) 120
Sitnik, I.M., see A.A. Nomofilov 22B (1966) 350
Sivers, D., see T. Goldman 48B (1974) 39
Six, J., see B. Daugeras 27B (1968) 332
Six, J., see R. Huson 28B (1969) 208
Sjöberg, O., see S.-O. Bäckman 43B (1973) 263
Sjoblom, R.K., see P.R. Fields 24B (1967) 340
Skaali, B., see G. Løvhøiden 34B (1971) 125
Skaali, B., S. Ogaza, D.G. Fleming, B. Herskind, Transient magnetic field at Gd in ferromagnetic gadolinium 40B (1972) 446
Skachkov, S.V., see A.O. Weissenberg 48B (1974) 474
Skakun, E.A., see Yu.N. Rakivnenko 44B (1973) 462
Skelly, J., see S. Devons 47B (1973) 217
Skillicorn, I.O., see R.B. Palmer 26B (1968) 323
Skillicorn, I.O., see D.J. Crennell 28B (1969) 136
Skillicorn, I.O., see A.M. Cnops 29B (1969) 45
Skillicorn, I.O., see H.H. Bingham 41B (1972) 635
Skinner, R., see V. Gupta 31B (1970) 256
Skjeggestad, O., see F. James 35B (1971) 265
Skobelev, V., see D. Galtsov 36B (1971) 238
Skobelev, V.V., The asymptotic behaviour of the $\gamma\gamma$ forward scattering amplitude in the multiperipheral ABFST model 41B (1972) 167
Skopik, D.M., Y.M. Shin, E.L. Tomusiak, M.C. Phenneger, K.F. Chong, Electrodisintegration of the deuteron 43B (1973) 481

Skopik, D.M., see C.K. Malcolm 47B (1973) 433
Skorka, S.J., see H. Schmidt 24B (1967) 457
Skorka, S.J., see D. Evers 27B (1968) 423
Skouras, L.D., Even parity states of ^{38}Ar 31B (1970) 439
Skrinsky, A.N., see V.L. Auslander 25B (1967) 433
Skrinsky, A.N., see V.E. Balakin 34B (1971) 99, 328; 37B (1971) 435; 41B (1972) 205
Skripnik, N.S., see M.G. Antonova 39B (1972) 282, 285
Skronn, H.J., see W. Bertram 21B (1966) 471
Skronn, H.J., see G. Buschhorn 25B (1967) 622
Skronn, H.J., see Chr. Geweniger 28B (1969) 155; 29B (1969) 41
Skuja, A., see J.E. Nelson 47B (1973) 281
Skupsky, S., Radiative pion capture in ^{12}C 36B (1971) 271
Skyrme, D.J., see J.C. Hardy 23B (1966) 487
Slagowitz, M., see W. Makofske 25B (1967) 322
Slansky, R., see M. Jacob 37B (1971) 408; 38B (1972) 85
Slansky, R., see J. Hanlon 46B (1973) 415
Slansky, R., see T. Ludham 48B (1974) 449
Slater, W.A., see P.M. Dauber 23B (1966) 154
Slater, W.E., see P.M. Dauber 24B (1967) 525
Slater, W.E., see Chih-Yung Chien 25B (1967) 426; 28B (1969) 143, 615; 29B (1969) 433
Slater, W.E., see T.G. Trippe 28B (1969) 203; 29B (1969) 390
Slater, W.E., see F.T. Dao 45B (1973) 73, 399, 402
Slattery, P., see S.L. Stone 32B (1970) 515
Slattery, P., see J. Anderson 45B (1973) 521
Slattery, P., see J.W. Chapman 47B (1973) 465
Slattery, P.F., see J.C. Berlinghieri 27B (1968) 665
Slattery, P.F., see W.M. Katz 31B (1970) 329
Slaughter, D.R., F.M. Nuh, A.A. Shihab-Eldin, S.G. Prussin, Gamma-ray emission in competition with neutron emission in the beta decay of ^{87}Br 38B (1972) 22
Slaughter, J., see T. Ludham 48B (1974) 449
Šlaus, I., J.W. Verba, J.R. Richardson, R.F. Carlson, L.S. August, E.L. Peterson, The study of the reaction D(p, ^{2}p)n at 46 MeV 23B (1966) 358
Šlaus, I., see B. Antolković 23B (1966) 477
Slaus, I., see M.B. Epstein 36B (1971) 305
Šlaus, I., see D.J. Margaziotis 37B (1971) 263
Šlaus, I., see J.C. Young 37B (1971) 377
Slavnov, A.A., O.I. Zavialov, Simple dynamical model for baryon resonances 22B (1966) 686
Slavnov, A.A., see V.V. Belokurov 47B (1973) 359
Slavov, B., see A. Faessler 31B (1970) 350; 39B (1972) 579
Slavov, B., J.E. Galonska, A. Faessler, A symmetric fission in the two-center shell-model 37B (1971) 483
Slepchenko, L.A., see V.R. Garsevanishvili 29B (1969) 191
Slepets, L.A., see A.A. Nomofilov 22B (1966) 350
Sletten, G., see J. Borggreen 25B (1967) 402
Sletten, G., see C. Ellegaard 40B (1972) 641
Slezak, B., see J. Babecki 47B (1973) 268
Sliv, L.A., see B.L. Birbrair 24B (1967) 444
Sliv, L.A., see I.M. Band 28B (1969) 313
Sliv, L.A., see V.N. Guman 28B (1969) 575

Sliv, L.A., see Yu.I. Kharitonov 31B (1970) 277
Sloan, I.H., Unitary modification of the impulse-pickup approximation 25B (1967) 84
Sloan, I.H., see R.T. Cahill 31B (1970) 353; 33B (1970) 195
Sloan, I.H., Levinson's theorem and S-wave neutron-deuteron scattering 34B (1971) 243
Sloan, I.H., see T.J. Brady 40B (1972) 55
Sloan, I.H., see P. Doleschall 40B (1972) 605
Sloan, I.H., J.D. Gray, Separable expansions of the t-matrix 44B (1973) 354
Slobodrian, R.J., see J.S.C. McKee 24B (1967) 240
Slobodrian, R.J., J.S.C. McKee, W.F. Tivol, D.J. Clark, T.A. Tombrello, The 2p final-state interaction in the ^{3}He(^{3}He, α) 2p reaction 25B (1967) 19
Slobodrian, R.J., Possible observation of vacuum polarization effects in the $^1S_0$ p-p state 25B (1967) 89
Slobodrian, R.J., H.E. Conzett, F.G. Resmini, Neutron-neutron scattering length from a comparison of the ^{2}H(p, n)^{2}p and ^{2}H(n, p)^{2}n reactions 27B (1968) 405
Slobodrian, R.J., see A.D. Bacher 29B (1969) 573
Slobodrian, R.J., see R. Roy 34B (1971) 491
Slobodrian, R.J., see C.R. Lamontagne 45B (1973) 465
Sloboduk, E.A., see H. Blumenfeld 45B (1973) 525, 528
Slotta, J., see R. Reif 26B (1968) 484
Smadja, G., see H.H. Bingham 41B (1972) 635
Smelov, E.M., see Yu.I. Titov 37B (1971) 422
Smilansky, U., Quantum mechanical effects in multiple Coulomb excitation 25B (1967) 385
Smilansky, U., see J.J. Simpson 26B (1968) 581; 27B (1968) 633; 28B (1969) 422
Smilansky, U., see M. Samuel 28B (1969) 318
Smilansky, U., The quantum mechanical effects on gamma angular correlations following multiple Coulomb excitation 29B (1969) 15
Smilansky, U., see R.A. Eisenstein 31B (1970) 436
Smilansky, U., B. Povh, K. Traxel, The role of the α + t channel in the Coulomb excitation of the $\frac{1}{2}^-$ state in ^{7}Li 38B (1972) 293
Smilga, V.P., see I.I. Gurevich 29B (1969) 387
Smirenkin, G.N., see N.S. Rabotnov 26B (1968) 218
Smirenkin, G.N., see A.V. Ignatyuk 29B (1969) 159, 209
Smirnov, A.Yu., see V.S. Berezinsky 48B (1974) 269
Smirnov, E., see C. Bruneton 44B (1973) 471
Smirnov, E.V., see A.A. Derevshchikov 47B (1973) 473
Smirnov, N.N., see A.A. Vorobyov 40B (1972) 102
Smirnov, S.A., S.V. Trubnikov, Threshold electrodisintegration of the deuteron caused by backward scattering of electrons 48B (1974) 105
Smirnov, Yu.F., see L. Majling 27B (1968) 487
Smirnov, Yu.F., see I.V. Kurdyumov 31B (1970) 163, 426; 40B (1972) 607
Smirnov, Yu.F., see V.G. Neudatchin 43B (1973) 13
Smirnova, L., see O. Balea 39B (1972) 571
Smirnova, L., see Alma ... collaboration 48B (1974) 277
Smirtnitsky, V.A., see A.O. Weissenberg 48B (1974) 474
Smith, A.D., see P.C. Barber 32B (1970) 214
Smith, A.J.S., see J.G. Asbury 25B (1967) 565
Smith, A.J.S., see W.T. Ford 38B (1972) 335
Smith, A.M., D.T. Stewart, Ionisation loss by relativistic electrons 22B (1966) 633

Smith, A.M., see F.W. Büsser 46B (1973) 471; 48B (1974) 371, 377
Smith, B., see J. Sperinde 32B (1970) 185
Smith, B.C., A.B. Volkov, An explanation for forking and backbending in rotational spectra 47B (1973) 193
Smith, D., C. Picciotto, D. Bryman, Double beta decay via resonances in the nucleus 46B (1973) 157
Smith, D.A., see M. Calderbank 25B (1967) 201
Smith, G.A., see P.M. Dauber 29B (1969) 609
Smith, G.A., see Z. Ming Ma 47B (1973) 177
Smith, J.R., see A. Larribe 23B (1966) 600
Smith, J.R., see P.J. Litchfield 24B (1967) 486
Smith, J.R., see R.J. Miller 34B (1971) 230
Smith, K.M., see H.C. Kirkman 32B (1970) 519
Smith, R., see S. Devons 47B (1973) 217
Smith, R.C., L. Wang, M.C. Whatley, G.T. Zorn, J. Hornbostel, Experimental study of the decay spectrum of $K_L^o \to \pi^+\pi^-\pi^o$ 32B (1970) 133
Smith, V.J., see A.T. Lea 29B (1969) 584
Smith, V.J., see B.J. Charles 40B (1972) 289
Smith, W.R., Finite-range DWBA calculations for (d, ^{6}Li) reactions 34B (1971) 252
Smither, R.K., Energy dependence of high-energy K conversion coefficients 25B (1967) 128
Smolin, D.A., see V.A., see V.K. Birulev 38B (1972) 452
Smoljankin, V.T., see I.A. Vetlitsky 21B (1966) 579
Smolyankin, V.T., see M.S. Dubovikov 23B (1966) 716
Smolyankin, V.T., see V.M. Guzhavin 23B (1966) 719
Smorodinskaya, N.Ya., see V.M. Kolybasov 30B (1969) 11; 37B (1971) 272
Smorodinsky, J., see M. Sheftel 26B (1968) 241
Smotritsky, L.M., see V.M. Lobashov 25B (1967) 104; 30B (1969) 39
Smulders, P.J.M., T.K. Alexander, The 2.8 MeV doublet in ^{21}Ne 21B (1966) 664
Smythe, R., see J.J. Kraushaar 25B (1967) 13
Snider, D.R., see G.F. Chew 31B (1970) 75
Snider, D.R., see W.R. Frazer 45B (1973) 136
Snider, D.R., see S.S. Pinsky 47B (1973) 505
Snir, J., see B. Budick 24B (1967) 276
Snover, K.A., see H.M. Kuan 25B (1967) 217
Snover, K.A., K.A., J.F. Amann, W. Hering, P. Paul, Proton radiative capture into ^{209}Bi through giant resonances and analog resonances 37B (1971) 29
Snow, G.A., see M. Lusignoli 21B (1966) 229
Snyder, R.E., see G.B. Beard 25B (1967) 18
Sobel, M.I., see L.S. Celenza 41B (1972) 283
Sobel, M.K., see L.S. Celenza 42B (1972) 331
Sober, D.I., see N.B. Mistry 24B (1967) 528
Sobiczewski, A., F.A. Gareev, B.N. Kalinkin, Closed shells for $Z > 82$ and $N > 126$ in a diffuse potential well 22B (1966) 500
Sobiczewski, A., see P. Möller 26B (1968) 418; 30B (1969) 223
Sobiczewski, A., see Ph.J. Siemens 41B (1972) 16
Sobottka, S.E., see D.L. Cheshire 30B (1919) 244
Socash, R., see R. Sears 29B (1969) 700
Sodan, H., see G. Winter 33B (1970) 161
Sodan, H., see P. Kemnitz 39B (1972) 179

Söding, P., see H.G. Hilpert 23B (1966) 707
Söding, P., see M. Roos 33B (1970) 1
Söding, P., see A.D. Brody 34B (1971) 665
Söding, P., J. Bartels, A. Barbaro-Galtieri, J.E. Enstrom, T.A. Lasinski, A. Rittenberg, A.H. Rosenfeld, T.G. Trippe, N. Barash-Schmidt, G. Bricman, V. Chaloupka, M. Roos, Review of particle properties 39B (1972) 1
Söding, P., see H.J. Mück 39B (1972) 303
Söding, P., see V. Blobel 48B (1974) 73
Söding, S., see G. Köpp 23B (1966) 494
Soergel, V., see A. Bamberger 36B (1971) 412
Soergel, V., see K.H. Althoff 37B (1971) 531, 535; 43B (1973) 237
Soergel, V., see M.A. Faessler 46B (1973) 468
Soffer, J., D. Wray, Comments on spin effects in proton-proton cross section measurements 43B (1973) 514
Soga, M., R.N. Horoshko, D.M. Van Patter, Isospin structure of low-lying Ti-states 26B (1968) 727
Sohre, F., H. Ziegelmann, Numerical solution of the Faddeev-Adamo-integral equation without deformation of contours 34B (1971) 579
Soinski, A.J., E. Karlsson, D.A. Shirley, Spins and attenuation coefficients of the 86.5 and 105.3 keV states in ^{155}Gd 26B (1968) 440
Soinski, A.J., see G. Kaindl 46B (1973) 62
Sokolov, A.P., see I.A. Vetlitsky 21B (1966) 579
Sokolov, A.P., see M.S. Dubovikov 23B (1966) 716
Sokolov, A.P., see V.M. Guzhavin 23B (1966) 719
Sokolov, B.V., see I.I. Gurevich 29B (1969) 387
Sokolov, G.L., see A.A. Vorobyov 41B (1972) 639
Sokolov, L.I., see Y.D. Bajukov 24B (1967) 598
Solaija, T.J., see G.R. Isaak 31B (1970) 63, 572
Soldatov, A.S., see N.S. Rabotnov 26B (1968) 218
Solf, J., W.R. Hering, J.P. Wurm, E. Grosse, On a doublet in ^{205}Tl based on the 3^- state in ^{206}Pb 28B (1969) 413
Soliani, G., see R. D. Auria 29B (1969) 285
Solianik, V.I., see F. Binon 30B (1969) 510
Solmitz, F.T., see M. Alston-Garnjost 33B (1970) 607; 34B (1971) 156 36B (1971) 152; 39B (1972) 402
Solmitz, F.T., see S.M. Flatté 34B (1971) 551; 38B (1972) 232
Solmitz, F.T., see S.U. Chung 47B (1973) 526
Solmitz, F.T., see W.F. Buhl 48B (1974) 388
Solomin, A., see Alma ... collaboration 48B (1974) 277
Solomon, J., see J.A. Biggerstaff 25B (1967) 273
Solomonides, C.M., see E.H. Bellamy 39B (1972) 299
Solomonides, C.M., see N.H. Lipman 43B (1973) 89
Solomonides, C.M., see M.R. Jane 48B (1974) 260, 265
Solovianov, V.L., see G.G. Beznogikh 30B (1969) 274
Soloviev, L.D., see A.A. Logunov 24B (1967) 181
Soloviev, L.D., see I.G. Aznauryan 28B (1969) 597
Soloviev, M., see O. Balea 39B (1972) 571
Soloviev, M., see Alma ... collaboration 48B (1974) 277
Soloviev, L.F., see A.A. Derevchekov 48B (1974) 367

Soloviev, V.G., On the equilibrium deformations of the excited states of heavy nuclei 21B (1966) 311
Soloviev, V.G., On the role of interaction of quasiparticles with protons in odd-odd deformed nuclei 21B (1966) 320
Soloviev, V.G., see L.A. Malov 22B (1966) 441
Soloviev, V.G., see R.V. Jolos 25B (1967) 393; 27B (1968) 614
Soloviev, V.G., On correlations between reduced neutron widths and partial radiative widths in resonances 35B (1971) 109
Soloviev, V.G., On correlations between particle radiative widths in neutron resonances 39B (1972) 605
Soloviev, V.G., On many-quasiparticle components of the wave functions of neutron resonances 42B (1972) 409
Soloview, V.G., see D.A. Arseniev 40B (1972) 305
Solovjev, L.F., see A.A. Dereshchikov 47B (1973) 473
Solovyanov, V., see C. Bruneton 44B (1973) 471
Solovyanov, V.L., see A.A. Derevshchikov 47B (1973) 473
Solyakin, G.Ye., see A.A. Vorobyov 41B (1972) 639
Solyanik, V.I., see Yu.M. Antipov 34B (1971) 164
Sommerfeldt, R.W., see K. Johansson 22B (1966) 197
Sonderegger, P., see P. Bonamy 23B (1966) 501
Sondhi, I., Sigma production in p-p collisions at 5 GeV/c 26B (1968) 645
Sonne, B., see G. Vogel 40B (1972) 513
Sonne, B., see H. Burfeindt 43B (1973) 345
Sood, D.K., N. Sarma, Spacing of class II levels in the fission of ^{240}Pu 30B (1969) 523
Sood, P., see Alma ... collaboration 48B (1974) 277
Sood, P.M., see A. Gurtu 50B (1974) 391
Soper, J.M., see S. Cohen 21B (1966) 306
Soper, P.J.R., see G. Alberi 32B (1970) 367
Sørensen, B., Phenomenological description of anharmonic vibrations 21B (1966) 683
Sørensen, B., Boson description of fermion systems 23B (1966) 274
Sørensen, B., Microscopic boson description of vibrational states in ^{114}Cd 24B (1967) 328
Sørensen, B., see R.A. Broglia 26B (1968) 250
Sørensen, B., A comment on the reaction ^{10}B(t, p)^{12}B 28B (1969) 633
Sørensen, B., see R.J. Ascuitto 34B (1971) 17
Sørensen, B., Can phenomenological particle-particle and particle-hole forces be distinguished? 35B (1971) 8
Sørensen, B., Static quadrupole moment of the collective octupole vibration in ^{208}Pb 35B (1971) 101
Sørensen, B., Pairing and hexadecapole fields in deformed samarium isotopes as probed by two-nucleon transfer reactions 49B (1974) 109
Sorensen, C., B production, a case for semilocal duality in Reggeon-particle scattering 49B (1974) 86
Sorensen, R.A., Odd-even staggering in the isotope shift of the nuclear radius 21B (1966) 333
Sorensen, R.A., see J. Johnson 26B (1968) 700
Sorensen, R.A., see J.A. Johnson 29B (1969) 420; 31B (1970) 572
Sorensen, R.A., The divergence of the liquid drop model from mass relations of Garvey et al. 34B (1971) 21
Sorensen, R.A., A simplified generator coordinate treatment for pairing correlations 38B (1972) 376
Sørensen, S.O., see H. Bøggild 30B (1969) 369
Sorokin, G.A., see A.B. Migdal 50B (1974) 411
Sorokin, P.V., see Yu.P. Antoufiev 42B (1972) 347
Sosnowski, R., see M. Bardadin-Otwinsowska 21B (1966) 351, 357

Sosnowski, R., see S. Brandt 22B (1966) 109, 230
Sosnowski, R., see G. Białkowski 25B (1967) 519
Sosnowski, R., see O. Balea 39B (1972) 571
Sosnowski, R., see Alma ... collaboration 48B (1974) 277
Soso, F., see P. Gorenstein 23B (1966) 394
Sistegno, P., see I.P. Johnstone 34B (1971) 34
Sotiriou, D., see J.V. Beaupré 37B (1971) 432; 41B (1972) 393
Sotiriou, D., see Aachen ... collaboration 49B (1974) 388
Sotona, M., E. Truhlik, Neutron-neutron interaction and possible off-shell effects in muon capture by deuterons 43B (1973) 362
Souchere, G., see G. Bassani 30B (1969) 621
Souder, P.A., see W.T. Ford 38B (1972) 335
Sourlas, N., see R. Jengo 46B (1973) 249
Sowerby, B.D., see J. McCallum 25B (1967) 109
Sowinski, M., see J. Chaszczewska 24B (1967) 87
Sowinski, M., see M. Dakowski 25B (1967) 213
Sowinski, M., see I. Brissaud 30B (1969) 324
Sowinski, M., see M. Roy 29B (1969) 95
Soyeur, M., A.P. Zuker, Structure of ^{28}Si, some answers and their problems 41B (1972) 135
Soyeur, M., see L. Bimbot 49B (1974) 443
Spamer, E., see O. Titze 24B (1967) 169; 31B (1970) 565
Spamer, E., see P. Antony-Spies 31B (1970) 632
Sparrow, D.A., see W.J. Gerace 30B (1969) 71
Sparrow, D.A., J.F. Wlaker, W.J. Gerace, Off-shell effects in scattering from the deuteron 48B (1974) 186
Spearman, T.D., see T.P. Coleman 39B (1972) 240
Specht, G., see C. Driver 35B (1971) 77, 81
Specht, H.J., J. Weber, E. Konecny, D. Heunemann, Identification of a rotational band in the ^{240}Pu fission isomer 41B (1972) 43
Specht, H.J., see E. Konecny 45B (1973) 329
Specht, J., see G. Hauser 27B (1968) 220
Spector, R.M., Example of a Regge daughter trajectory for $I \equiv 1$, $Y = 0$ boson resonances 25B (1967) 551
Speidel, K.-H., see H. Blumberg 22B (1966) 328
Speidel, K.-H., see J. Fechner 26B (1968) 374
Speiser, D., see P. De Baenst 21B (1966) 100
Spencer, C.M., see H. Aoi 35B (1971) 90
Spencer, J.E., A.K. Kerman, A potential model interpretation of isobaric analog resonances applicable to even-even and even-odd targets 38B (1972) 289
Sperber, D., A. Aframe, Statistical theory for the ratio of isomer to prompt and neutron to prompt cross sections 41B (1972) 574
Sperber, D., Theory of isomer ratios of shape isomers in heavy ion induced reactions 47B (1972) 209
Sperduto, A., see E.R. Cosman 22B (1966) 195
Sperinde, J., D. Fredrickson, R. Hinkins, V. Perez-Mendez, B. Smith, Evidence for a low-energy resonance in the three-neutron system 32B (1970) 185
Sperinde, J.M., see L. Kaufman 25B (1967) 536
Sperinde, J.M., see V. Perez-Mendez 28B (1969) 648
Sperr, P., D. Evers, K. Rudolph, W. Assmann, E. Spindler, P. Konrad, G. Denhöfer, Study of the ^{12}C(^{12}C, n)^{23}Mg reaction around the resonance at E_{cm} = 19.3 MeV 49B (1974) 345

Speth, J., Change of nuclear charge radii by single particle excitations in the rare earth region 28B (1969) 625
Speth, J., Erratum 29B (1969) 361
Speth, J., Polarisation effects in $\delta\langle r^2\rangle$ measurements 31B (1970) 513
Speth, J., see H.J. Mang 32B (1970) 321
Speth, J., see V. Klemt 33B (1970) 331
Speth, J., see J. Meyer 39B (1972) 330
Speth, J., see P. Ring 44B (1973) 477
Speth, R., see J. Bartsch 22B (1966) 357; 27B (1968) 336; 28B (1969) 439
Speth, R., see M. Aderholz 24B (1967) 434; 27B (1968) 174
Speth, R., H. Schiller, M. Barbadin-Otwinowska, M.E. Mermikides, P. Porth, Ω^--production in 10 GeV/c K^-p interactions 29B (1969) 252
Speth, R., see J.V. Beaupré 34B (1971) 160
Spicer, B.M., see D.G. Owen 30B (1969) 242
Spicuzza, R.A., see G.H. Rawitscher 37B (1971) 221
Spiegelhauer, H., see W. Tornow 44B (1973) 53
Spiger, R.J., see D.M. Hardy 31B (1970) 355
Spighel, M., see J.V. Allaby 28B (1969) 67, 229; 29B (1969) 198
Spighel, M., see Yu.B. Bushnin 29B (1969) 48
Spighel, M., see F. Binon 30B (1969) 506, 510
Spillantini, P., see P. Gorenstein 23B (1966) 394
Spillantini, P., see B. Borgia 35B (1971) 340
Spillantini, P., see F. Ceradini 42B (1972) 501; 43B (1973) 341
Spindler, E., see P. Sperr 49B (1974) 345
Spinelli, N., see B. Bartoli 36B (1971) 593, 598
Spinetti, M., see C. Bacci 28B (1969) 687; 38B (1972) 551
39B (1972) 559; 44B (1973) 530, 533
Spiridenkov, E.M., see A.A. Vorobyov 41B (1972) 639
Spiro, H., see K. Paler 48B (1974) 151
Spiro, M., see R.J. Miller 34B (1971) 230
Spiro, M., see B. Charand 38B (1972) 253
Spiro, M., see R. Barloutaud 38B (1972) 257
Spiro, M., see K. Paler 43B (1973) 437
Spits, A.M.J., see J. Kopecký 49B (1974) 323
Spitzer, H., see H.G. Hilpert 23B (1966) 707
Spitzer, H., see R. Erbe 27B (1968) 54
Spitzer, H., see M. Furić 39B (1972) 629
Spitzer, H., see H.H. Bingham 41B (1972) 635
Springer, K., see G. Backenstoss 36B (1971) 403, 422
Springer, K., see H. Daniel 46B (1973) 129; 48B (1974) 109
Sprouse, G.D., see P.B. Russell 32B (1970) 35
Sprung, D.W.L., P.C. Bhargava, T.K. Dahlblom, The binding and saturation of nuclear matter 21B (1966) 538
Sprung, D.W.L., P.C. Bhargava, T.K. Dahlblom, Erratum 23B (1966) 491
Sprung, D.W.L., see J. Nemeth 24B (1967) 137
Sprung, D.W.L., see M.K. Srivastava 29B (1969) 635; 31B (1970) 499
Sprung, D.W.L., see K.-F. Chong 38B (1972) 132
Sprung, D.W.L., see X. Campi 41B (1972) 443; 46B (1973) 291

Squier, G.T.A., see G.J. Clark 35B (1971) 503
Squier, G.T.A., see A.M. Hanna 37B (1971) 361
Squier, G.A., see B.W. Allardyce 41B (1972) 577
Squier, G.T.A., see J.S. Ryder 43B (1973) 30
Squier, G.T.A., see A.S. Clough 43B (1973) 476
Squires, E.J., see P.D.B. Collins 26B (1968) 223; 27B (1968) 23
Squires, E.J., Regge cuts and absorptive corrections 26B (1968) 461, 736
Squires, E.J., see V.A. Alessandrini 27B (1968) 300, 456, 463
Squires, E.J., see H.R. Rubinstein 30B (1969) 189; 38B (1972) 188
Squires, E.J., see R.C. Johnson 32B (1970) 385
Sreedhar, V., see J.C. Anderson 45B (1973) 521
Sridhar, R., see V. Devanathan 25B (1967) 456
Srinivasa Rao, K., see V. Devanathan 25B (1967) 456
Srinivasa Rao, K., V. Devanathan, Photoproduction of pions and the ground state wave function of ^{16}O 32B (1970) 578
Srivastava, D.K., see B. Sinha 43B (1973) 113
Srivastava, J.K., see V.R. Pandharipande 38B (1972) 485
Srivastava, M.K., P.K. Banerjee, D.W.L. Sprung, A very soft core potential model for $^1S_0$ neutron-proton scattering 29B (1969) 635
Srivastava, M.K., P.K. Banerjee, D.W.L. Sprung, Model dependence of nuclear matter binding energy 31B (1970) 499
Srivastava, M.K., Y. Singh, R.K. Bhaduri, Off-shell effects in rank-two separable potentials 32B (1970) 333
Srivastava, M.K., The dependence of nuclear matter binding energy on the high energy phase shifts 33B (1970) 341
Srivastava, M.K., see K.-F. Chong 38B (1972) 132
Srivastava, P.P., Weinberg sum rules, the ratio F_K/F_π and K_A and K decays 26B (1968) 233
Srivastava, Y., see E. Etim 41B (1972) 59
Srivastava, Y., see A. Bramon 47B (1973) 265
Srivastava, Y.N., see E. Etim 41B (1972) 507
Stadler, B., see H.-D. Betz 22B (1966) 643
Stafford, R., see W.G. Love 29B (1969) 478
Stahl, Y., see Y. Eisenberg 34B (1971) 439
Stahlbrand, C.A., see J.V. Allaby 30B (1969) 500
Stahlbrandt, C.A., see Yu.B. Bushnin 29B (1969) 48
Stairs, D., see F. Bradamante 44B (1973) 202
Stamatescu, I.O., see N.S. Craigie 42B (1972) 404
Stamp, A.P., Pairing effects in the ^{20}Ne Hartree Fock wave function 26B (1968) 58
Stamp, A.P., The calculation of the nuclear quadrupole moment 33B (1970) 257
Stanfield, K.C., see N. Hicks 29B (1969) 602
Stanley, D., see W. Gajewski 21B (1966) 673; 23B (1966) 152
Stannard, F.R., see K.D. Billing 25B (1967) 435
Stannard, F.R., see F.W. Bullock 27B (1968) 402
Stannard, F.R., see G. Wilquet 42B (1972) 372
Starbunov, Yu.N., see B.P. Konstantinov 27B (1968) 30
Starchenko, E.A., see V.A. Bumazshnov 50B (1974) 283
Starchenko, E.H., see J. Derre 50B (1974) 287
Starkovich, V.S., see G.G. Ohlsen 28B (1969) 404; 29B (1969) 307
Starodubsky, V.E., see G.D. Alkhazov 42B (1972) 121

Starodubsky, V.E., O.A. Domchenkov, Elastic and inelastic scattering of 1 GeV $\bar{p}$rotons by ^{12}C 42B (1972) 319
Start, D.F.H., see G.T. Garvey 29B (1969) 108
Start, D.F.H., see W.L. Randolph 44B (1973) 36
Stary, F., see Yu.N. Rakivnenko 44B (1973) 462
Staude, A., see H. Faissner 30B (1969) 204
Staude, A., see P. Darriulat 30B (1969) 209; 33B (1970) 249, 433
Staude, A., see H. Foeth 30B (1969) 276, 282; 31B (1970) 544
Staude, A., see M. Cullen 32B (1970) 523
Staude, A., see M. Holder 35B (1971) 355, 361; 36B (1971) 400; 40B (1972) 141
Staude, A., see V. Bisi 36B (1971) 533
Staude, A., see G. Barbiellini 39B (1972) 294, 663; 43B (1973) 529
Staude, A., see A. Böhm 49B (1974) 491
Staudenmaier, H.M., see W. Deinet 30B (1969) 359, 426
Staudenmaier, H.M., see D. Schmitt 32B (1970) 638
Staudenmaier, H.M., see W.D. Apel 40B (1972) 680; 41B (1972) 234, 542; 46B (1973) 459
Staurset, L., see C. Baglin 47B (1973) 85, 89
Stavinsky, V.S., see T. Dobrowolski 24B (1967) 203
Stazchenko, E.A., see H. Blumenfeld 45B (1973) 525, 528
Stearns, B.F., see D.S. Ayres 24B (1967) 483
Stearns, R., see G. Backenstoss 38B (1972) 181
Stearns, R.L., see G. Backenstoss 36B (1971) 422
Stech, B., see H.D. Dahmen 34B (1971) 83; 35B (1971) 335
Stech, B., Weak currents and gnomes 49B (1974) 471
Stecher-Rasmussen, F., see E. Warming 25B (1967) 200
Stecher-Rasmussen, F., see K. Abrahams 32B (1970) 605
Stecher-Rasmussen, F., see A.M.F. Op den Kamp 39B (1972) 204
Steenberg, N.R., see T.S. Yoon 24B (1967) 307
Steerman, C.E., F.C. Young, An energy-level doublet at 9.16 MeV in ^{15}N 27B (1968) 8
Stefanini, A., see D.R. Botterill 45B (1973) 405; 46B (1973) 125
Stefanini, A., see A. Del Guerra 45B (1973) 409; 50B (1974) 487
Steffen, P., see H.G. Hilpert 23B (1966) 707; 27B (1968) 474
Steffen, P., see R. Erbe 27B (1968) 54
Steffen, P., see S. Gjesdal 40B (1972) 152; 44B (1973) 217
Steffen, P., see C. Geweniger 48B (1974) 483, 487
Steffen, R.M., see P. Sioshansi 39B (1972) 343
Steichele, E., S. Hüfner, P. Kienle, Isomer shift ratios in ^{151}Eu and ^{153}Eu 21B (1966) 220
Steichele, E., see W. Henning 22B (1966) 446
Stein, H., see G. Von Holtey 40B (1972) 589
Stein, J., see T. Eichten 27B (1968) 586
Stein, J., see D. Haidt 29B (1969) 691, 696
Stein, N., see N. Auerbach 27B (1968) 122; 28B (1969) 628
Stein, W.E., see A. Asami 28B (1969) 656
Stein, W.E., see S.C. Burnett 31B (1970) 523
Steinberg, E.P., see B.D. Wilkins 42B (1972) 141
Steinberg, P.H., see D.R. Botterill 31B (1970) 325
Steinberg, P.H., see B.A. Barnett 34B (1971) 655
Steinberg, R., see M. Deutschmann 22B (1966) 112

Steinberger, J., see C. Alff-Steinberger 21B (1966) 595
Steinberger, J., see C. Rubbia 23B (1966) 167; 24B (1967) 531
Steinberger, J., see S. Bennett 27B (1968) 239, 244, 248; 29B (1969) 317
Steinberger, J., see J. Marx 32B (1970) 219
Steinberger, J., see A. Scribano 32B (1970) 224
Steinberger, J., see S. Gjesdal 40B (1972) 152; 44B (1973) 217
Steinberger, J., see C. Geweniger 48B (1974) 483, 487
Steiner, F., On the converge of finite energy sum rules in non-forward directions 32B (1970) 294
Steiner, F., see H. Kleinert 34B (1971) 312
Steiner, F., see H.D. Dahmen 43B (1973) 217, 521; 38B (1974) 55
Steiner, H., see H. Genz 39B (1972) 541
Steiner, H.J., see D. Haidt 29B (1969) 691
Steiner, H.J., S. Natali, F. Romano, D.C. Cundy, J. Lemonne, T.I. Pedersen, P. Renton, L. Behr, V. Brisson, L. Kluberg, P. Petiau, B. Aubert, J.P. Lowys, J.J.M. Timmermans, H. Huzita, F. Mattioli, A. Sconza, D. Gamba, A. Marzari-Chiesa, Analysis of K^+_{e3} decay 36B (1971) 521
Steiner, P., E. Gerdau, P. Kinele, H.J. Körner, Isomer shift in ^{152}Sm 24B (1967) 515
Steiner, P., see G.N. Beloserski 42B (1972) 349
Steinhoff, J., see R.C. Arnold 45B (1973) 141
Steinmann, O., On a theorem by Carruthers 25B (1967) 234
Stelbovics, A.T., L.R. Dodd, Three-body bound states in Amado's model 39B (1972) 450
Stelbovics, A.T., L.R. Dodd, Dispersion relations for elastic n-d scattering in the Amado model 48B (1974) 13
Stella, B., see C. Bacci 38B (1972) 551; 44B (1973) 530, 533
Stella, R., see L.G. Moretto 32B (1970) 558
Stelson, P.H., see J. Gomez Del Campo 46B (1973) 180
Stelzer, H., see K.H. Althoff 37B (1971) 531, 535; 43B (1973) 237
Stepanov, D.N., see V.I. Chuev 31B (1970) 624; 42B (1972) 63
Stéphan, C., see P. Colombani 42B (1972) 197, 208; 48B (1974) 315
Stephens, F.S., see J.R. Leigh 33B (1970) 410
Stephens, F.S., see K. Nakai 34B (1971) 389; 44B (1973) 443
Stephens, F.S., R.M. Diamond, S.G. Nilsson, A coupling scheme relevant to high angular momenta and intermediate nuclear deformations 44B (1973) 429
Stephens, F.S., see D. Proetel 48B (1974) 102
Stephenson Jr., G.J., M.K. Banerjee, Shape of the four-particle, four-hole state of oxygen 16 24B (1967) 209
Stepień, W., Z. Szymański, On the possible explanation of the energy gap increase in fissioning nuclei 26B (1968) 181
Stepula, E.V., see Yu.I. Titov 37B (1971) 422
Stergiou, A., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Stern, H., see H.R. Rubinstein 21B (1966) 447
Stern, H., see R. Brout 25B (1967) 292
Stern, J., see H. Leutwyler 31B (1970) 458
Stern, J., see Y. Georgelin 34B (1971) 207
Stern, J., see D.P. Majumdar 42B (1972) 103
Stern, J., see J. Jersák 44B (1973) 105
Sternberger, K., see K. Böckmann 28B (1969) 72
Sternberger, K., see J.V. Beaupré 34B (1971) 160

Sternberger, K., see K. Boesebeck 34B (1971) 659
Stetz, A.W., see V. Perez-Mendez 28B (1969) 648
Steudel, A., see P. Heinecke 31B (1970) 295
Steuer, M., see M. Metcalf 40B (1972) 703
Steuer, M., see G. Neuhofer 38B (1972) 51; 39B (1972) 271; 41B (1972) 642
Steuer, M., see F. Niebergall 49B (1974) 103
Stevens, P.R., see B.R. Desai 45B (1973) 497
Stevenson, M.L., see S.M. Flatté 35B (1971) 345
Steward, W., see K.K. Seth 49B (1974) 157
Stewart, D.T., see A.M. Smith 22B (1966) 633
Stewart, R.J.J., see M.N. Thompson 31B (1970) 211
Steyaert, J., see R.M. Lieder 49B (1974) 161
Steyerl, A., Measurements of total cross sections for very slow neutrons with velocities from 100 m/sec to 5m/sec 29B (1969) 33, 361
Steyert, W.A., K.S. Krane, Effect of time-reversal noninvariance on nuclear γ-decay observables 47B (1973) 294
Stiefler, W., see P. Dougan 46B (1973) 359; 49B (1974) 194
Stiening, R., see G.D. Cable 40B (1972) 699
Stier, H., see M. Metcalf 40B (1972) 703
Stier, H.E., see K. Bätzner 39B (1972) 575
Stier, H.E., see G. Neuhofer 39B (1972) 271; 41B (1972) 642
Stier, H.H., see F. Niebergall 49B (1974) 103
Stier, U., see W.D. Apel 41B (1972) 542
Stierlin, U., see B.D. Hyams 24B (1967) 634; 29B (1969) 128, 521
Stierlin, U., see G. Grayer 34B (1971) 333; 35B (1971) 610; 39B (1972) 563
Stierlin, U., see M. Bott-Bodenhausen 40B (1972) 693
Stiewe, J., see H.G. Hilpert 27B (1968) 474
Stingl, M.M., see A. Faessler 26B (1968) 71
Striling, A.V., see C.B. Chiu 26B (1968) 236
Stirling, A.V., see M. Banner 41B (1972) 547; 44B (1973) 537
Stock, R., T. Tamura, Form factors for DWBA calculations of neutron pick-up reactions leading to isobaric analogue states 22B (1966) 304
Stock, R., see U. Lynen 24B (1967) 237; 25B (1967) 9; 27B (1968) 76
Stock, R., see J.H. Bjerregaard 24B (1967) 568
Stock, R., see C. Ellegaard 40B (1972) 641
Stöcker, B.U., see J.V. Beaupré 41B (1972) 393
Stöcker, U., see J.V. Beaupre 37B (1971) 432
Stocker, W., see J. Manz 30B (1969) 631
Stocker, W., see D. Evers 33B (1970) 559
Stocker, W., Effects of nuclear size and curvature on spin-orbit splitting 35B (1971) 472
Stocker, W., see B. Schwesinger 39B (1972) 475
Stocker, W., see R.W. Hasse 44B (1973) 26
Stocker, W., The effective mass concept and thermal properties of nuclear matter 46B (1973) 59
Stöckmann, H.-J., see H. Ackermann 41B (1972) 143
Stockmann, M.I., V.G. Zelevinsky, On the phenomenological description of the nuclear rotational states 41B (1972) 19
Stodolsky, L., see M. Gourdin 30B (1969) 347
Stodolsky, L., see F.J. Gilman 31B (1970) 387

Stodolsky, L., see S. Ferrara 48B (1974) 249
Stodolsky, L., Neutron optics and weak currents 50B (1974) 352
Stoeckel, P., see H. Daniel 48B (1974) 109
Stolin, V.L., see A.O. Aganyants 27B (1968) 590
Stolin, V.L., see Yu.D. Bayukov 33B (1970) 416
Stomp, M.J., see G.M. Crawley 32B (1970) 92
Stone, N.J., see P.T. Callaghan 40B (1972) 84
Stone, S.L., J.C. Berlinghieri, C. Bromberg, D. Cohen, T. Ferbel, R. Holmes, P. Slattery, B. Werner, H. Yuta, Production of Ξ^- and $\bar{\Xi}^+$ particles in K^+p collisions at 12.7 GeV/c 32B (1970) 515
Storey, R.S., see J.H. Aitken 30B (1969) 473
Storey, R.S., see J.J. Simpson 30B (1969) 478
Storim, F., see R. Erbe 27B (1968) 54
Stork, D.H., see P.M. Dauber 23B (1966) 154; 24B (1967) 525
Stork, D.H., see Chih-Yung Chien 25B (1967) 426; 28B (1969) 143, 615
29B (1969) 433; 33B (1970) 627; 35B (1971) 261
Stork, D.H., see T.G. Trippe 28B (1969) 203; 29B (1969) 390
Stork, D.H., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Stork, D.H., see E. Dally 41B (1972) 647
Storm, D.W., see P.F. Mizera 25B (1967) 400
Storozhenko, S.A., see V.F. Kharchenko 37B (1971) 131
Storr, K.M., see J.N. Carney 42B (1972) 124
Stovall, T., see M. Bernheim 25B (1967) 461; 30B (1969) 412
Stowell, D.Y., see H.G.E. Kobrak 43B (1973) 526
Stoyanov, D.T., see V.A. Matveev 32B (1970) 61
Stoyanova, D.A., see Yu.B. Bushnin 29B (1969) 48
Stoyanova, D.A., see J.V. Allaby 30B (1969) 500
Stoyanova, D.A., see F. Binon 31B (1970) 230
Stoyanova, D.A., see Yu.M. Antipov 34B (1971) 164
Stoyanova, D.A., see S.P. Denisov 34B (1971) 167; 36B (1971) 415, 528
Strand, R., see G. Kalbfleisch 29B (1969) 259
Strange, R., see K.R.S. Sastry 26B (1968) 207
Strathdee, J., see R. Delbourgo 21B (1966) 455; 22B (1966) 680
24B (1967) 622; 25B (1967) 230, 475
Strathdee, J., see C.J. Isham 31B (1970) 300; 35B (1971) 585; 25B (1967) 407
Strathdee, J., see A. Salam 49B (1974) 465
Strauss, J., see J.R. Fry 43B (1973) 146
Strauss, J., see Aachen ... collaboration 49B (1974) 388
Strauss, R., see G. Höhler 21B (1966) 223; 24B (1967) 409; 35B (1971) 445
Strausz, R., see K. Kilian 34B (1971) 283
Strehl, P., Th.H. Schucan, Study of monopole transitions in ^{12}C, ^{24}Mg, ^{28}Si, ^{32}S and ^{40}Ca by inelastic electron scattering 27B (1968) 641
Strelkov, A.V., see L.V. Groshev 34B (1971) 293
Streltsov, I., see Alma ... collaboration 48B (1974) 277
Streltsov, I.S., see E.V. Anzon 31B (1970) 237, 241
Stremnitzer, H., see H. Pietschmann 37B (1971) 312
Stricker, A., see T. Suehiro 33B (1970) 468
Striebel, H.R., see H. Paetz gen. Schieck 22B (1966) 191, 719
Strobel, G.L., see H.V. Geramb 39B (1972) 611

Strocchi, F., R. Vergara Caffarelli, U(3) × U(3) breaking and 2γ-decays of pseudoscalar mesons 35B (1971) 595
Strocchi, F., see G. Cicogna 46B (1973) 217
Stroetzel, M., F. Gudden, Inelastic electron scattering from ^{16}O and the radiative widths of the 6.9 and 11.5 MeV levels 22B (1966) 485
Stroetzel, M., Electric monopole and quadrupole excitations in ^{16}O 26B (1968) 376
Stroetzel, M., A. Goldmann, Evidence for a 0^+ state in ^{16}O at 14.0 MeV 29B (1969) 306
Stroetzel, M., see A. Goldmann 31B (1970) 287
Strohbusch, U., see H. Fann 44B (1973) 19
Stroke, H.H., see R.L. King 31B (1970) 567
Strolin, P., see M. Holder 35B (1971) 355, 361; 36B (1971) 400; 40B (1972) 141
Strolin, P., see G. Barbiellini 39B (1972) 294, 663; 43B (1973) 529
Strolin, P., see A. Böhm 49B (1974) 491
Strong, J.A., see E.H. Bellamy 39B (1972) 299
Strong, J.A., see N.H. Lipman 43B (1973) 89
Strong, J.A., see M.R. Jane 48B (1974) 260, 265
Strong, M., see M.G. Albrow 33B (1970) 516
Stroot, J.P., see J.V. Allaby 28B (1969) 67, 229; 29B (1969) 198
Stroot, J.P., see Yu.B. Bushnin 29B (1969) 48
Stroot, J.P., see F. Binon 30B (1969) 506, 510; 31B (1970) 230
Strottman, D., Low lying 8 and 12 hole states in light nuclei 36B (1971) 321
Strottman, D., SU(3) calculations in ^{24}Mg 39B (1972) 547
Strottmann, D., N. Anyas-Weiss, J.C. Cornell, P.S. Fisher, P.N. Hudson, A. Menchaca-Rocka, A.D. Panagiotou, D.K. Scott, Structure of states in ^{20}Ne from the reactions $^{18}O(^{11}B, ^{9}Li)^{20}Ne$ and and $^{16}O(^{11}B, ^{7}Li)^{20}Ne$ 47B (1973) 16
Strottman, D., Pseudo SU(3) and the extension of the ground state rotational band 47B (1973) 215
Stroynowski, R., see Z. Ajduk 30B (1969) 179
Stroynowski, R., see J. Bartsch 32B (1970) 186
Stroynowski, R., see J.V. Beaupre 34B (1971) 160; 37B (1971) 432; 40B (1972) 510
Strub, R., see A. Fridman 21B (1966) 462; 23B (1966) 386
Strub, R., see K. Böckmann 28B (1969) 72
Struble, G.L., see A. Goswami 25B (1967) 451
Struble, G.L., see A.L. Goodman 26B (1968) 260
Struczinski, W., see R. Erbe 27B (1968) 54
Strugalski, Z.S., I.V. Chuvilo, I.A. Ivanovskaya, Z. Jablonski, T. Kanarek, L.S. Okhrimenko, E. Fenyves, T. Gemesy, S. Krasnovsky, G. Pinter, Investigation of the $M(\pi^0\pi^0)$ effective mass spectrum 29B (1969) 518
Strugalski, Z.S., I.V. Chuvilo, I.A. Ivanovskaya, Z. Jablonski, T. Kanarek, L.S. Okhrimenko, E. Fenyves, T. Gemesy, S. Krasnovsky, G. Pinter, Search for the neutral decays $\omega^0 \to \eta\gamma$ and $\omega^0 \to \pi^0\pi^0\gamma$ 29B (1969) 532
Strugalski, Z.S., see V.V. Barmin 33B (1970) 377
Struminsky, B.V., see V.K. Ignatovich 24B (1967) 69
Struminsky, B.V., see V.A. Miransky 43B (1973) 73
Strunov, L.N., see A.A. Nomofilov 22B (1966) 350
Strutinsky, V.M., Transfer reactions with heavy ions 44B (1973) 245
Strutinsky, V.M., The fission width of excited nuclei 47B (1973) 121
Strzalkowski, A., see A. Budzanowski 32B (1970) 431; 44B (1973) 249
Stubbens, W.F., see G.D. Wait 33B (1970) 163

Stuminsky, B.V., see V.A. Matveev 23B (1966) 146
Stump, R., see I. Budagov 29B (1969) 524; 30B (1969) 364
Stümpfig, J., see G. Von Holtey 40B (1972) 589
Stuntebeck, P.H., V.P. Kenney, B.J. Deery, N.N. Biswas, N.M. Cason, A.R. Dzierba, M.S. Farber, J.A. Poirier, W.D. Shephard, Evidence for structure in the f^o and g^o dipion mass regions 32B (1970) 391
Stuntebeck, P.H., see K. Paler 48B (1974) 151
Suaya, R., see C.A. Dominguez 31B (1970) 365
Subba Rao, J., see V.S. Mathur 31B (1970) 383
Subramanian, A., see P.V. Ramana Murthy 39B (1972) 646
Sudarshan, E.C.G., see J.G. Kuriyan 21B (1966) 106
Sudarshan, E.C.G., see K. Raman 21B (1966) 450
Sudarshan, E.C.G., see N. Mukunda 24B (1967) 301
Suehiro, T., Y. Ishizaki, H. Ogata, J. Kokame, Y. Saji, A. Stricker, Y. Sugiyama, I. Nonaka, Excited 0^+ states in ^{52}Fe, ^{54}Fe, ^{56}Ni and ^{58}Ni from the (p, t) reaction 33B (1970) 468
Suelzle, L.R., see R.F. Frosch 24B (1967) 54
Suffert, M., W. Feldman, Study of the reaction $^{12}C(\alpha,\gamma_0)^{16}O$ in the excitation energy range 14 to 24.7 MeV 24B (1967) 579
Sugar, S., see M.G. Antonova 39B (1972) 282, 285
Sugawara, H., see J. Arafune 37B (1971) 92
Sugawara, H., see S. Pakvasa 48B (1974) 333
Sugawara, M., see K. Shoda 28B (1969) 30
Sugawara, M., see A. Kanazawa 40B (1972) 265
Sugawara-Tanabe, K., see K. Tanabe 34B (1971) 575
Sugihara, T.T., see Y. Gono 49B (1974) 338
Sugimoto, K., N. Nakai, K. Matuda, T. Minamisono, Nuclear magnetic resonance of 20 ms ^{12}B 25B (1967) 130
Sugimoto, K., A. Mizobuchi, K. Matuda, T. Minamisono, Electric quadrupole moment of the short-lived beta-emitter ^{12}B 31B (1970) 520
Sugimoto, S., see K. Nisimura 30B (1969) 612
Sugimoto, S., see S. Arai 40B (1972) 426
Sugiyama, Y., see T. Suehiro 33B (1970) 468
Sugonjaev, V.P., see V.I. Belousov 43B (1973) 76
Suhami, A., R. Fox, Neutron-proton small angle scattering at 14.1 MeV 24B (1967) 173
Suhonen, E., see M. Chaichian 50B (1974) 362
Suhonen, E., see W.S. Lam 50B (1974) 453
Suhr, P., see B. Zeitnitz 28B (1969) 420
Sujkowski, Z., see J. Bocki 42B (1972) 415
Suk, M., see H. Bøggild 30B (1969) 369
Sukhatme, U.P., see S. Blaha 42B (1972) 435
Sukhatme, U.P., see D.D. Coon 45B (1973) 287
Sukhatme, U.P., see J.B. Bronzan 49B (1974) 272
Sukhorukov, S.T., see G.K. Bisheva 24B (1967) 533
Sukhorukov, S.T., K.A. Ter-Martirosyan, On the total cross sections and diffraction cone slope 41B (1972) 618
Suleymanov, V.A., see A.M. Baldin 37B (1971) 305
Sulkovskaya, M.M., see A.A. Kartamyshev 44B (1973) 310
Sullivan, C., see J.C. Anderson 45B (1973) 521

Sullivan, J.D., On the importance of pion electroproduction at high energy 33B (1970) 179
Sullivan, J.D., see P.M. Fishbane 37B (1971) 68
Sulyaev, R.M., see V.V. Ammosov 42B (1972) 519
Sumi, Y., see M. Kawaguchi 27B (1968) 358
Sumi, Y., see I. Endo 47B (1973) 469
Sundell, S., see H.L. Ravn 39B (1972) 337
Sunderland, J., see S. Bennett 27B (1968) 239, 244, 248; 29B (1969) 317
Sundqvist, B., see W. Ebenhöh 49B (1974) 137
Sunier, J.W., see A.J. Armini 21B (1966) 335
Sunier, J.W., see R.M. DeVries 32B (1970) 193
Sünkel, W., K. Wildermuth, Two-channel calculation for elastic ^{3}He-^{3}He scattering 26B (1968) 655
Sünkel, W., see H. Federsel 33B (1970) 140
Sünkel, W., K. Wildermuth, About the antisymmetrization of many nucleon systems 41B (1972) 439
Supichakov, Kh., see O. Balea 39B (1972) 571
Supichakov, K., see Alma ... collaboration 48B (1974) 277
Surányi, G., see G. Bozóki 30B (1969) 498
Suranyi, P., Multiplicity dependence of one-particle momentum distributions 35B (1971) 169
Suranyi, P., General form for the multiplicity dependence of cross sections in multiperipheral models 36B (1971) 47
Suranyi, P., A systematic description of semi-inclusive cross sections 40B (1972) 481
Surmava, I.G., see J.V. Meboniya 42B (1972) 24
Susskind, L., see G. Frye 31B (1970) 537, 589
Susskind, L., see Y. Aharonov 35B (1971) 512
Susskind, L., see J. Kogut 40B (1972) 469
Susskind, L., see A. Casher 44B (1973) 171, 511
Süssmann, G., see E. Hilf 21B (1966) 654
Süssmann, G., see S. Knaak 23B (1966) 711
Sustavov, A.F., see A.A. Kartamyshev 44B (1973) 310
Suter, H., see M. Bourquin 36B (1971) 615
Suter, H., see P. Basile 36B (1971) 619
Suter, H., see A. Zylbersztejn 38B (1972) 457
Suter, M., see U. Peyer 41B (1972) 151
Sutherland, D.G., Current algebra and the decay $\eta \to 3\pi$ 23B (1966) 384
Suttle Jr., A.D., see D.W. Mueller 36B (1971) 74
Sutton, R.B., see R.A. Carrigan Jr. 27B (1968) 622
Sutton, R.B., see J.A. Johnson 29B (1969) 420; 31B (1970) 572
Suttorp, L.G., see P. Rotelli 40B (1972) 579
Suura, H., Coherent vector gluon field in hadrons 42B (1972) 237
Suzuki, M., see P. Babu 24B (1967) 65
Suzuki, M., see D.P. Roy 28B (1969) 558
Suzuki, M., see P. Langacker 40B (1972) 561; 42B (1972) 453
Suzuki, M., see K. Lane 43B (1973) 204
Suzuki, M.N., see R.A. Carrigan Jr. 27B (1968) 622
Svahn, B., see A. Johansson 26B (1968) 83
Svechnikova, N.S., see M.G. Antonova 39B (1972) 282, 285
Svenne, J., see C.M. Shakain 21B (1966) 209
Svenne, J.P., see A. Lande 25B (1967) 91
Sviridov, V.A., see G.G. Beznogikh 30B (1969) 274; 39B (1972) 411; 43B (1973) 85

Swallow, E.C., Polarized hyperon production with a high energy polarized proton beam 49B (1974) 91
Swann, C.P., see S.W. Robinson 26B (1968) 298
Swanson, D., G. Charlton, C. Fu, R. Glasser, K. Jaeger, D. Koetke, H. Rubin, J. Whitmore, Study of inclusive π^0 spectra and correlations in 12.4 GeV/c proton-proton interactions 48B (1974) 479
Swanson, H., see D. Bursch 40B (1972) 357
Swanson, R.A., see H.G.E. Kobrak 43B (1973) 526
Swanson, W.P., see H.G. Hilpert 23B (1966) 707
Swanson, W.P., see R. Erbe 27B (1968) 54
Sweeney Jr., W.E., V. Valković, D. Rendić, G.C. Phillips, On the observation of rescattering effects in the reaction ^{7}Li(d, nα)^{4}He 37B (1971) 183
Swerdlow, P.G., see Y.W. Chow 30B (1969) 171
Swerdlow, P.H., see Y.W. Chow 32B (1970) 682
Symes, R.D., see J.L. Durell 31B (1970) 358
Symons, G.D., see F. Boehm 22B (1966) 627; 23B (1966) 491
Symons, G.D., A.C. Douglas, The effect of band mixing on the multiple Coulomb excitation of deformed nuclei 24B (1967) 11
Symons, G.D., see H. Ryde 24B (1967) 387
Szentpétery, I., see Gy. Bencze 30B (1969) 446
Szentpétery, I., see I. Fodor 32B (1970) 689
Szeptycka, M., see M. Barbadin-Otwinsowska 21B (1966) 357
Szeptycka, M., see S. Brandt 22B (1966) 109, 230
Szeptycka, M., see J. Bartke 24B (1967) 163
Szeptycka, M.,see O. Czyżewski 25B (1967) 482
Szeptycka, M., see T. Hofmokl 26B (1968) 546
Szeptycka, M., see O. Balea 39B (1972) 571
Szeptycka, M., see M. Breidenbach 39B (1972) 654
Szklarz, G., see G. Cosme 40B (1972) 685
Sztarkier, J., see A. Johnson 34B (1971) 605
Szücs, J., see I. Fodor 32B (1970) 689
Szybisz, L., see O. Civitarese 48B (1974) 199
Szymański, Z., see H. Ryde 24B (1967) 387
Szymański, Z., see W. Stephień 26B (1968) 181
Szymański, Z., see P. Möller 26B (1968) 418; 30B (1969) 223
Szymański, Z., see J. Krumlinde 36B (1971) 157; 40B (1972) 314
Szymczak, M., see J. Chwaszczewska 25B (1967) 331

Tabor, S.L., see G. Goldring 32B (1970) 465
Taccetti, N., see P. Blasi 28B (1969) 555
Tadić, D., see F. Krmpotić 21B (1966) 680
Tagishi, Y., see T. Mikumo 23B (1966) 586
Tait, N.R.S., see T.A. Armstrong 34B (1971) 535
Takahashi, K., see R. Boleu 40B (1972) 517
Takahashi, K., see T. Kodama 43B (1973) 167
Takasaki, E., see K. Nisimura 30B (1969) 612
Takeda, G., see H. Ohtsubo 32B (1970) 82
Takemasa, T., M. Sano, Centrifugal stretching effect to intra-band E2-transition rates 37B (1971) 233
Takemasa, T., M. Sakagami, M. Sano, Two-neutron transfer reactions on nuclei in the transitional region 37B (1971) 473
Takemasa, T., H. Yoshida, Finite-range calculation of two-neutron transfer reactions in deformed nuclei 46B (1973) 313
Taketani, H., M. Adachi, Y. Yoshida, M. Ogawa, K. Ashibe, Analog states excited with the ^{93}Nb(p, d)^{92}Nb reaction 26B (1968) 660
Taketani, H., M. Adachi, Y. Yoshida, M. Ogawa, K. Ashibe, Erratum 27B (1968) 222
Taketani, H., M. Adachi, Y. Yoshida, M. Ogawa, K. Ashibe, Level structure of ^{89}Zr via the reaction ^{90}Zr(p, d)^{89}Zr 27B (1968) 499
Taketani, H., J. Muto, H. Yamaguchi, J. Kokame, The 1p neutron pick-up strengths in the reaction ^{13}C(p, d)^{12}C 27B (1968) 625
Taketani, H., M. Adachi, Y. Yoshida, M. Ogawa, K. Ashibe, Erratum 28B (1969) 37
Takeuchi, K., P.A. Moldauer, Neutron single particle levels in a Wood–Saxon potential 28B (1969) 384
Takeuchi, K., On a three-body treatment of (d, p) reactions in a truncated model space 40B (1972) 73
Takeutchi, F., Y. Sakamoto, T. Yuasa, Final-state interactions in the reaction ^{2}H(p, 2p)n 35B (1971) 498
Takéutchi, F., Y. Sakamoto, Comparison of the cross sections for the reactions ^{2}H(p, 2p)n and ^{2}H(p, pn)p 41B (1972) 458
Takhtamyshev, G.G., see V.K. Birulev 38B (1972) 452
Takhtamyshev, G.G., see Berlin ... collaboration 48B (1974) 257
Takhtamyshev, G.G., see K.F. Albrecht 48B (1974) 393
Takibaev, J.S., see J. Derre 50B (1974) 287
Takibaev, Zh.S., see E.V. Anzon 31B (1970) 237, 241
Takibaev, Zh.S., see M.G. Antonova 39B (1972) 282, 285
Takibayev, Zh., see Alma ... collaboration 48B (1974) 277
Takigawa, N., see S. Landowne 50B (1974) 414
Tallini, B., see P.J. Litchfield 24B (1967) 486
Tallini, T., see A. Larribe 23B (1966) 600
Talman, R., see E. Eisenhandler 24B (1967) 347
Talman, R., see C. Berger 39B (1972) 659
Talmi, I., see P. Federman 22B (1966) 208, 469
Talmi, I., see H.R. Rubinstein 23B (1966) 693
Talmi, I., Quadrupole moment and effective E2 transition moments in ^{51}V 25B (1967) 313
Talmi, I., see R. Gross 44B (1973) 147
Tam, D., see J. Lynch 35B (1971) 457
Tamura, N., see Y. Hemmi 32B (1970) 137; 43B (1973) 79
Tamura, T., see R. Stock 22B (1966) 304
Tamura, T., see W.G. Love 22B (1966) 325

Tamura, T., Analogue state resonances in the (p, p_o) and (p, p') processes 22B (1966) 644
Tamura, T., C.E. Watson, The $(t \cdot T)$ interaction between (d, p) and $(d, \bar{n})$ channels and the anomaly in (d, p) cross sections 25B (1967) 186
Tamura, T., see W. Makofske 25B (1967) 322
Tamura, T., see G.A. Grin 25B (1967) 387
Tamura, T., Multiple excitation correction to the Coulomb excitation of even spherical nuclei 28B (1969) 90
Tamura, T., R. Coker, Isospin-forbidden analog resonances in direct reactions 30B (1969) 581
Tamura, T., see H. Bledsoe 34B (1971) 443
Tamura, T., see T. Udagawa 35B (1971) 129
Tamura, T., see D. Braunschweig 35B (1971) 273
Tamura, T., see K.S. Low 40B (1972) 32; 48B (1974) 285
Tamura, T., see W.R. Coker 40B (1972) 164
Tan, C.-I., see C.-L. Jen
Tan, T.H., M.L. Perl, F. Martin, W. Chinowsky, R. Kinsey, S. Klein, P. Schmidt, M. Madelkern, J. Schultz, An investigation of the 1.4 GeV/c^2 nucleon isobar in proton-proton interactions 28B (1969) 195
Tanabe, K., K. Sugawara-Tanabe, Triaxiality in nuclear rotational states 34B (1971) 575
Tandon, P.N., see C. Broude 39B (1972) 185
Tandy, P.C., R.T. Cahill, I.E. McCarthy, Exact unitary model calculations of n–d elastic scattering 41B (1972) 241
Tang, C.L., see G. Von Bochmann 30B (1969) 254
Tang, Y.C., R.C. Herndon, Charge form factors and charge distributions of ^{3}H and ^{4}He 25B (1967) 307
Tang, Y.C., see D.R. Thompson 26B (1968) 194
Tang, Y.C., see G.W. Greenlees 26B (1968) 658; 34B (1971) 359
Tang, Y.C., see F.S. Chwieroth 46B (1973) 301
Tang, Y.W., see H.R. Blieden 39B (1972) 668
Tanifuji, M., K. Yazaki, Polology and the behaviour of partial-wave amplitudes for one-nucleon-transfer reactions 30B (1969) 140
Tannebaum, M.J., see C. Alff-Steinberger 21B (1966) 595
Tanner, N.W., see D.T. Chivers 26B (1968) 573
Tanner, N.W., see J.J. Domingo 32B (1970) 309
Tanner, N.W., see U. Von Wimmersperg 33B (1970) 291
Tanner, N.W., see J. Rohlin 40B (1972) 539
Tape, J.W., N. Benczer-Koller, R. Hensler, J.R. MacDonald, The lifetime of the 3.74 MeV (3^-) state of ^{40}Ca 40B (1972) 635
Tapper, R.J., see B.J. Charles 40B (1972) 289
Tarakanov, N.M., see I.I. Gurevich 31B (1970) 394; 38B (1972) 549
Taran, Yu.V., see V.P. Alfimenkov 24B (1967) 151
Taras, P., W. Dehnhardt, S.J. Mills, M. Veggian, J.C. Merdinger, U. Neumann, B. Povh, High-spin yrast states in ^{132}Ce 41B (1972) 295
Tarasenkov, V.G., see I.I. Gurevich 31B (1970) 394; 38B (1972) 549
Tarasevich, S.V., see V.V. Ammosov 42B (1972) 519
Tarkovsky, E.I., see M.I. Bulgakov 42B (1972) 351
Tarrago, X., see P. Colombani 42B (1972) 208
Tarrats, A., see J. Arvieux 22B (1966) 439
Tarrats, A., see F. Resmini 37B (1971) 275

Tassic, L.J., Magnetic flux lines as relativistic strings 46B (1973) 397
Tataru, L., Light-cone approach to hadron mass differences in unified gauge theory 46B (1973) 221
Tatischeff, B., Diffusion inélastique des protons de 152 MeV par ^{12}C 27B (1968) 345
Tatischeff, B., see I. Brissaud 30B (1969) 324; 48B (1974) 319
Tatischeff, B., see Y. Le Bornec 49B (1974) 434
Tatischeff, B., see L. Bimbot 49B (1974) 443
Tauscher, L., see G. Backenstoss 25B (1967) 365, 547; 31B (1970) 233; 36B (1971) 403
43B (1973) 431; 43B (1973) 539
Tauscher, L., see H. Daniel 26B (1968) 281; 48B (1974) 109
Tauscher, L., see G. Poelz 26B (1968) 331
Tauscher, L., see H. Schmitt 27B (1968) 530
Tauscher, L., see H. Koch 28B (1969) 279; 29B (1969) 140
Tautfest, G.W., see R.L. Eisner 28B (1969) 356
Tavernier, S., see J.E. Augustin 28B (1969) 503, 508
Tavkhelidze, A.N., see V.A. Matveev 23B (1966) 146; 32B (1970) 61
Tavkhelidze, A.N., see A.A. Logunov 24B (1967) 181
Tavkhelidze, A.N., see V.A. Mescheriakov 25B (1967) 341
Tavkhelidze, A.N., see V.R. Garsevanishvili 29B (1969) 191
Tavkhelidze, A.N., see B.M. Barbashov 33B (1970) 419, 484
Taylor, H.W., N. Neff, J.D. King, A new determination of the deuteron binding energy 24B (1967) 659
Taylor, J.C., A charge-current commutator contradicted by ρ-meson dominance 22B (1966) 665
Taylor, J.C., Residues of daughter trajectories 28B (1969) 501
Taylor, R.B., see D.L. Allan 21B (1966) 197
Taylor, R.E., see J. Litt 31B (1970) 40
Taylor, T., see P.R. Gregory 41B (1972) 122
Tchapoutian, R., see B. Bouquet 26B (1968) 178; 41B (1972) 536
Teiger, J., see M. Banner 21B (1966) 582; 25B (1967) 300, 569
41B (1972) 547; 44B (1973) 537
Teillac, J., see I. Amarel 24B (1967) 402
Teitelman, B., G.M. Temmer, Isospin forbidden analog resonances in $A = 25$ and 29 quartets 26B (1968) 371
Teitelman, B., G.M. Temmer, Erratum 27B (1968) 18
Tejerina, F., see Barcelona ... collaboration 48B (1974) 467
Tejessy, W., see H.G. Hilpert 23B (1966) 707
Tejessy, W., see R. Erbe 27B (1968) 54
Telbisz, G., see G. Bozóki 30B (1969) 498
Telbisz, F., see R. Arnold 36B (1971) 261
Telbisz, F., see Alma ... collaboration 48B (1974) 277
Telegdi, V.L., see H.S. Goldberg 35B (1971) 327
Telegdi, V.L., see H.G.E. Kobrak 43B (1973) 526
Tellez, A., R. Ballani, J. Delaunay, J.P. Fouan, Excitation and gamma decay of $(f_{7/2}^3, d_{3/2}^{-1})$ $T = 1$ and $T = 2$ states in ^{42}Ca 29B (1969) 655
Tellez, A., J. Delaunay, H. Ronsin, M1, $\Delta T = 1$ and $\Delta T = 0$ transitions from the $(f_{7/2}d_{3/2}^{-1})$ $T = 1$ and $(p_{3/2}d_{3/2}^{-1})0^-$, $T = 0$ states in ^{40}Ca 34B (1971) 131
Temmer, G.M., see D.J. Bredin 21B (1966) 677
Temmer, G.M., see G.H. Lenz 24B (1967) 368; 25B (1967) 219
Temmer, H.M., see B. Teitelman 26B (1968) 371; 27B (1968) 18
Temperley, A.A., see D.E. Carlson 30B (1969) 322

Templeman, R.F., see M.G. Albrow 29B (1969) 54; 33B (1970) 516
Tenenbaum, J., see J.C. Pratt 41B (1972) 383
Ten Eyck, J.H., see F. Rohrlich 46B (1973) 102
Tenner, A.G., see R. Barloutaud 26B (1968) 674
Tenner, A.G., see T.H.J. Bellm 33B (1970) 438
Tenore, A., see M. Greco 27B (1968) 317
Teodoro, M.R., see G. Jacob 45B (1973) 181
Tepel, J.W., see A. Richter 38B (1972) 349
Tepel, J.W., see N. Marquardt 48B (1974) 9
Tepel, J.W., H.M. Hofmann, H.A. Weidenmüller, Hauser–Feshbach formulas for medium and strong absorption 49B (1974) 1
Teper, M., A simple model for the diffractive overlap integral 48B (1974) 225
Teper, M., Inclusive processes at large transverse momenta 50B (1974) 261
Teplitz, V., see E. Abers 21B (1966) 339
Terentyev, M.V., see B.V. Geshkenbein 37B (1971) 497
Terent'ev, M.V., Process $\pi^{\pm} \to \pi^{0}\pi^{\pm}$ in Coulomb field and anomalous divergence of neutral axial-vector current 38B (1972) 419
Ter-Isaakyan, N.L., see A.B. Kaidalov 45B (1973) 493
Ter Louw, W.J., see S.-O. Bäckman 41B (1972) 247
Ter-Martirosyan, K.A., K.G. Boreskov, On the Compton graph distribution to the $e^{+}e^{-}$ and $\mu^{+}\mu^{-}$ pair photoproduction cross section 25B (1967) 223
Ter-Martirosyan, K.A., see I.I. Levintov 27B (1968) 69
Ter-Martirosyan, K.A., see S.T. Sukhorukov 41B (1972) 618
Ter-Martirosyan, K.A., Effect of PP-cut contribution on the diffraction cone slope 41B (1972) 621
Ter-Martirosyan, K.A., Multipomeron production of showers at high energy 44B (1973) 179
Ter-Martirosyan, K.A., On the particle multiplicity distributions at high energy 44B (1973) 377
Ter-Martirosyan, K.A., see A.A. Migdal 48B (1974) 239
Terrien, Y., see G. Francillon 33B (1970) 216
Terrein, Y., J.L. Escudié, M. Buenerd, J.M. Loiseaux, P. Martin, J.B. Viano, The role of the imaginary part in the microscopic description of (p, p′) scattering 45B (1973) 235
Terrien, Y.D., see M.P. Barbier 34B (1971) 386
Terwilliger, K., see P. Astbury 23B (1966) 396
Terwilliger, K., see M.G. Albrow 42B (1972) 279
Terwilliger, K.M., see W. Beusch 25B (1967) 357
Tesch, K., see G. Bathow 25B (1967) 163
Tesmer, J.R., see J. Eenmaa 38B (1969) 321
Testa, M., Light cone current algebra and Regge couplings 42B (1972) 267
Testa, M., see N. Cabibbo 42B (1972) 369
Testa, M., see D. Amati 43B (1973) 186; 48B (1974) 227
Testa, M., see S. Ferrara 49B (1974) 95
Testoni, J., see J. Arvieux 22B (1966) 439
Teterev, E.N., see Ts. Panteleev 35B (1971) 507
Teucher, M.W., see H.G. Hilpert 23B (1966) 707
Teufel, A.G., see D. Clement 49B (1974) 308
Tevzadze, Yu., see O. Balea 39B (1972) 571
Tevzade, Yu., see Alma ... collaboration 48B (1974) 277
Tewari, S.N., Energy spectrum of ^{20}Ne using Hartree–Fock and Tamm–Dancoff wave functions 29B (1969) 5

Tewari, S.N., An upper bound on the error in approximate eigenfunctions 34B (1971) 366
Thacker, H.B., J.J. Sakurai, Lifetimes and branching ratios of heavy leptons 36B (1971) 103
Thebaud, L.R., see M.D. Scadron 46B (1973) 257
Theis, W., E. Werner, Inelastic electron scattering form factors of low-lying states in ^{208}Pb 44B (1973) 481
Theis, W.R., Anomalous dimensions in p-p elastic scattering? 42B (1972) 246
Theissen, H., R. Engfer, G.J.C. Van Niftrik, Nuclear charge radius difference for ^{46}Ti-^{50}Ti 22B (1966) 623
Theissen, H., see F.R. Buskirk 42B (1972) 194
Theobald, J.P., see M.G. Cao 27B (1968) 409; 28B (1969) 37
Theocharopoylos, P., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Theus, R.B., see E.L. Petersen 31B (1970) 209
Thevenet, B., see P. Basile 26B (1968) 542; 28B (1969) 58
Thévenet, C., see M. Ericson 45B (1973) 19
Thibaud, J.P., see P. Mennrath 24B (1967) 285
Thibault, C., see B.L. Tracy 34B (1971) 277
Thibault-Philippe, C., see J. Chaumont 29B (1969) 652
Thieberger, P., see I. Bergström 32B (1970) 476
Thieberger, P., Semiclassical description of high-spin states in rotational bands 45B (1973) 417
Thiévent, G., J. Lang, R. Müller, P. Marmier, Energy dependence of proximity scattering 30B (1969) 23
Thill, G., see Y. Goldschmidt-Clermont 27B (1968) 602
Thirion, J., see A. Garin 21B (1966) 73
Thiron, J., see R. Bertini 45B (1973) 119
Thirring, W., see H. Pietschmann 21B (1966) 713
Thomas, A.W., I.R. Afnan, Pion absorption and the pion-deuteron scattering length 45B (1973) 437
Thomas, D.H., see M.R. Jane 48B (1974) 260, 265
Thomas, D.J., see M.J. Throop 41B (1972) 585
Thomas, D.W., see M. Alston-Garnjost 39B (1972) 402
Thomas, F.J., see L.M. Libby 30B (1969) 88, 400
Thomas, G., see N. Byers 25B (1967) 233
Thomas, G.E., see L.H. Bollinger 32B (1970) 457
Thomas, G.H., see E.L. Berger 39B (1972) 265
Thomas, G.H., see G.R. Charlton 40B (1972) 378
Thomas, G.H., see R.C. Arnold 47B (1973) 371
Thomas, G.H., see S.S. Pinsky 47B (1973) 505
Thomas, G.L., A comment on proton and neutron distributions in ^{40}Ca 28B (1969) 446
Thomas, G.P., P.L. Jain, Low energy K^--p elastic interaction 26B (1968) 401
Thomas, K., see M. Berg 42B (1972) 211
Thomas, K., see R. Heusinger 49B (1974) 269
Thomas, M.F., see C.W. Lewis 22B (1966) 476
Thomas, M.F., see I.G. Main 26B (1968) 295
Thomas, T.D., G.M. Raisbeck, P. Boerstling, G.T. Garvey, R.P. Lynch, New isotopes, ^{19}N and ^{21}O, produced in high-energy nuclear reactions 27B (1968) 504
Thomas, T.D., see U. Mosel 33B (1970) 565
Thomé, Z.D., see G. Alberi 45B (1973) 490
Thompson, A.C., see R.A. Carrigan Jr. 27B (1968) 622
Thompson, A.C., see J.A. Johnson 29B (1969) 420; 31B (1970) 572
Thompson, D.R., Y.C. Tang, Phase shifts of d + α scattering 26B (1968) 194
Thompson, D.R., see F.S. Chwieroth 46B (1973) 301
Thompson, J.C., see T.A. Armstrong 34B (1971) 535

Thompson, J.E.M., see M.N. Thompson 31B (1970) 211
Thompson, K.M., C.R. Gruhn, J. Frink, Proton induced reactions in lithium-drifted silicon detectors 24B (1967) 503
Thompson, M.A., see J. Bensinger 33B (1970) 505
Thompson, M.A., see J.R. Bensinger 36B (1971) 134
Thompson, M.N., J.E.E. Baglin, A high-resolution study of $^{16}O(\gamma p_0)^{15}N$ reaction 25B (1967) 256
Thompson, M.N., R.J.J. Stewart, J.E.M. Thompson, De-excitation γ-rays following photodisintegration of ^{14}N and ^{32}S 31B (1970) 211
Thompson, P.A., see S. Mori 28B (1969) 152
Thompson, S.G., see S.G. Nilsson 28B (1969) 458
Thompson, S.G., see L.G. Moretto 38B (1972) 471
Thompson, S.G., see E. Nardi 43B (1973) 259
Thompson, W.J., Use of α (^{3}He, ^{3}He)α in polarization studies 23B (1966) 132
Thompson, W.J., Separation of direct and compound effects by polarization measurements 25B (1967) 454
Thompson, W.J., Radiative transitions between resonant states 28B (1969) 324
Thompson, W.J., see H.J. Votava 41B (1972) 405
Thomson, J.A., see R.D. Larsen 40B (1972) 360
't Hooft, G., Prediction for neutrino-electron cross-sections in Weinberg's model of weak interactions 37B (1971) 195
Thorn, C.B., see M.B. Halpern 35B (1971) 441
Thorn, C.B., see A. Neveu 35B (1971) 529
Thorn, C.B., see P. Goddard 40B (1972) 235
Thorn, C.E., see I. Fischman 41B (1972) 298
Thornber, N.S., see P.L. Pritchett 27B (1968) 168
Thorndike, A.M., see J.V. Allaby 28B (1969) 67, 229; 29B (1969) 198; 30B (1969) 549
Thorndike, E.H., see C.N. Brown 22B (1966) 236
Thornton, P.R., see Aachen ... collaboration 49B (1974) 388
Thornton, S.T., Observation of missing state in ^{17}F 39B (1972) 623
Thornton, S.T., see J. Gomez Del Campo 46B (1973) 180
Throop, M.J., I. Hall, I.M. Naqub, D.J. Thomas, B. Wakefield, Quadrupole moments of the first $\frac{3}{2}^-$ and $\frac{5}{2}^-$ states of ^{109}Ag and the particle-vibrator coupling model 41B (1972) 585
Thun, R., see H.R. Blieden 39B (1972) 668
Thun, R., see R. Amendolia 44B (1973) 119
Thun, R., see G. Bellettini 45B (1973) 69
Thun, R., see S.R. Amendolia 48B (1974) 359
Thun, R., see G. Finocchiaro 50B (1974) 396
Thwaites, T.T., see J. Bartko 27B (1968) 212
Tibell, G., see A. Ingemarsson 27B (1968) 439
Tibell, G., On the analysis of inelastic proton scattering data 28B (1969) 638
Tibell, G., see S. Kullander 34B (1971) 197
Ticcioni, G., S.N. Gardiner, J.L. Matthews, R.O. Owens, The two-body photo-disintegration of ^{3}He 46B (1973) 369
Ticho, H., see A. Böhm 27B (1968) 321, 594
Ticho, H.K., see P.M. Dauber 23B (1966) 154
Ticho, H.K., see Chih-Yung Chien 25B (1967) 426; 28B (1969) 143, 615; 29B (1969) 433; 33B (1970) 627; 35B (1971) 261
Ticho, H.K., see T.G. Trippe 28B (1969) 203; 29B (1969) 390
Ticho, H.K., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Ticho, H.K., see E. Dally 41B (1972) 647

Tickle, R., see F.T. Baker 32B (1970) 47
Tickle, R., J. Bardwick, Two-proton multiplets in ^{210}Po 36B (1971) 32
Tieckle, H.G.J.M., see T.H.J. Bellm 33B (1970) 438
Tikhomirov, G.D., see M.S. Dubovikov 23B (1966) 716
Tikhomirov, I., see A. Babaev 38B (1972) 342
Tikochinsky, Y., Validity of the high energy approximation for medium energies 29B (1969) 270
Tiktopoulos, G., Why do trajectories rise? 29B (1969) 185
Tiktopoulos, G., Veneziano amplitudes as a consequence of meromorphy and Regge behavior 31B (1970) 138
Till, E.A., see E.V. Anzon 31B (1970) 237, 241
Tilley, D.R., see H.R. Weller 25B (1967) 541
Tilley, D.R., see G.L. Morgan 32B (1970) 353
Timm, U., see L. Criegee 28B (1969) 140, 282
Timm, U., see G. Buschhorn 33B (1970) 241; 37B (1971) 207, 211
Timmermans, J.J.M., see D. Haidt 29B (1969) 691
Timmermans, J.J.M., see H.J. Steiner 36B (1971) 521
Timofeev, V.A., see K.P. Artemov 37B (1971) 61
Tindle, C.T., Resonance reactions and the energy dependence of neutron widths 42B (1972) 5
Ting, P.D., H.J. Yesian, Triple Pomeron vertex, duality and diffraction dissociation 35B (1971) 321
Ting, P.D., see D. Silverman 35B (1971) 427
Ting, S.C.C., see J.G. Asbury 25B (1967) 565
Tint, M., C.T. Yap, Effects of photon exchange in beta-decays 29B (1969) 289
Tippett, J.C., see D.G. Burke 33B (1970) 460
Tirler, R., see M. Bott-Bodenhausen 40B (1972) 693
Tishin, V.G., see W.I. Furman 44B (1973) 465
Titarenko, N.N., see S.I. Grishanova 32B (1970) 565
Titin-Schnaider, C., Ph. Quentin, Deformed Hartee–Fock calculations not restricted to very short range effective interactions 49B (1974) 213
Titin-Schnaider, C., Ph. Quentin, Coulomb exchange contribution in nuclear Hartree Fock calculations 49B (1974) 397
Titov, V.A., see B.G. Erozolimsky 27B (1968) 557; 33B (1970) 351
Titov, Yu.I., N.F. Severin, N.G. Afanasyev, R.V. Akhmerov, S.A. Byvalin, Yu.V. Kulish, E.V. Stepula, E.M. Smelov, Axial-vector form factor from pion electroproduction on a proton 37B (1971) 422
Tittel, K., see C. Alff-Steinberger 21B (1966) 595
Tittel, K., see A. Böhm 27B (1968) 321, 594
Tittel, K., see P. Darriulat 29B (1969) 132; 30B (1969) 209; 33B (1970) 249, 433
Tittel, K., see H. Faissner 30B (1969) 204
Tittel, K., see H. Foeth 30B (1969) 276, 282; 31B (1970) 544
Tittel, K., see M. Cullen 32B (1970) 523
Tittel, K., see M. Holder 35B (1971) 355, 361; 36B (1971) 400; 40B (1972) 141
Tittel, K., see V. Bisi 36B (1971) 533
Tittel, K., see G. Barbiellini 39B (1972) 294, 663; 43B (1973) 529
Titterton, E.W., see F.C. Barker 21B (1966) 318
Titze, O., E. Spamer, A. Goldmann, Structure of the giant resonance of ^{24}Mg 24B (1967) 169
Titze, O., A. Goldmann, E. Spamer, Splitting of the giant resonance in ^{26}Mg 31B (1970) 565
Titze, O., see P. Antony-Spies 31B (1970) 632
Titze, O., see F.R. Buskirk 42B (1972) 194

Tivol, W.F., see J.S.C. McKee 24B (1967) 240
Tivol, W.F., see R.J. Slobodrian 25B (1967) 19
Tivol, W.M., see A.D. Bacher 29B (1969) 573
Tjom, P.O., see C. Ellegaard 40B (1972) 641
Tjon, J.A., see H.M. Nieland 27B (1968) 309
Tjon, J.A., see R.A. Malfliet 29B (1969) 391; 30B (1969) 293; 35B (1971) 487
Tjon, J.A., see A.D. Jackson 32B (1970) 9
Tjon, J.A., see W.M. Kloet 37B (1971) 460; 49B (1974) 419
Tkach, I.I., see A.A. Vorobyov 41B (1972) 639
Tkach, L.N., see M.M. Makarov 31B (1970) 666
Tkachenko, E.G., see V.N. Efimov 37B (1971) 269
Tlegdi, V.L., see R.D. Ehrlich 23B (1966) 468
Toaff, S., see J.C. Anderson 45B (1973) 165, 521
Toaff, S., see S. Dado 50B (1974) 275
Tocqueville, J., see J. Oostens 22B (1966) 708
Tocqueville, J., see P. Chavanon 28B (1969) 296
Tocqueville, J., see J.M. Abillon 32B (1970) 712
Tocqueville, J., see A. Brabson 42B (1972) 283, 287
Todorov, P., see V.K. Birulev 38B (1972) 452
Todorov, P., see Berlin ... collaboration 48B (1974) 257
Todorov, P., see K.F. Albrecht 48B (1974) 393
Todorov, P.T., see E.V. Anzon 31B (1970) 237, 241
Todorović, Z., M. Jurić, Emission of strange particles together with hyperfragments in the interaction of K^--mesons of 1.5 GeV/c with emulsion nuclei 30B (1969) 568
Toepffer, C., Dispersion effects in electron scattering 26B (1968) 426
Toepffer, C., see B. Fink 45B (1973) 411
Toet, D.Z., see K. Böckmann 28B (1969) 72
Tofte, H., see L. Dobrynski 23B (1966) 614
Tofte, H., see R.A. Donald 26B (1968) 327
Tofte, H., see M. Aderholz 27B (1968) 174
Tofte, H., see J. Bartsch 27B (1968) 336; 28B (1969) 439
Tokuda, N., see A. Hosoya 40B (1972) 208
Tokunaga, A., see T. Marumori 25B (1967) 249
Tolfree, D.W.L., see T.A. Armstrong 34B (1971) 535
Toller, M., see G. Cosenza 27B (1968) 398
Tolmachev, V.V., see M. de Llano 37B (1971) 37
Tolsma, L.D., B.J. Verhaar, Inelastic alpha particle scattering. Gamma deexcitation pattern outside reaction plane 27B (1968) 192
Tolstov, K.D., see E.V. Anzon 31B (1970) 237, 241
Tolstov, K.D., see M.G. Antonova 39B (1972) 282, 285
Tolstrup, C.A., see B. Levrat 22B (1966) 714
Tomas, M., see L. Dobrzynski 22B (1966) 105
Tomas, M., see A. Astier 25B (1967) 294
Tomas, M., see M. Aguilar-Benitez 29B (1969) 62
Tomas, M., see C. Baglin 29B (1969) 445
Tomaš, P., see B. Antolković 23B (1966) 477
Tomaš, P., see C.C. Chang 28B (1969) 175
Tomaselli, G., see R. Mehnert 25B (1967) 412

Tomaselli, M., L. Grünbaum, G.A. Beer, H.-G. Clerc, G. Wittwer, Experimental and theoretical investigation of the E1-electroexcitation of the 3.08 MeV level in ^{13}C 29B (1969) 579
Tomaselli, M., see E. Kankeleit 32B (1970) 613
Tomaselli, M., see D. Herold 49B (1974) 246
Tomasini, G., see F. Conte 22B (1966) 702
Tombrello, T.A., Effective-range theory and the ground state of ^{8}Be 23B (1966) 106
Tombrello, T.A., A model to relate levels in a isobaric multiplet 23B (1966) 134
Tombrello, T.A., see R.J. Slobodrian 25B (1967) 19
Tombrello, T.A., see E.G. Adelberger 25B (1967) 595
Tombrello, T.A., see D.M. Hardy 31B (1970) 355
Tomlinson, L., M.H. Hurdus, A new antimony delayed neutron precursor 25B (1967) 545
Tomogawa, Y., Erratum 33B (1970) 485; 32B (1970) 444
Tomozawa, Y., A model of *CP* violation 30B (1969) 543
Tomozawa, Y., Sum rule for nonleptonic hyperon decay 32B (1970) 485
Tomozawa, Y., Pion multiplicity and Regge trajectories 35B (1971) 331
Tomozawa, Y., see D.P. Majumdar 42B (1972) 103
Tompa, E., see K.D. Billing 25B (1967) 435
Tompkins, D.H., see G. Conforto 45B (1973) 154
Tompkins, J.C., see A.A. Derevchekov 48B (1974) 367
Tomusiak, E.L., see S. Dutta 35B (1971) 554
Tomusiak, E.L., see D.M. Skopik 43B (1973) 481
Tonai, T., see M. Matoba 44B (1973) 159
Toner, W.T., see S.M. Fiatté 35B (1971) 345
Toner, W.T., T.J. Braunstein, W.L. Lakin, F. Martin, M.L. Perl, T.F. Zipf, H.C. Bryant, B.D. Dieterle, Comparison of muon-proton and electron-proton deep inelastic scattering 36B (1971) 251
Toner, W.T., see J.C. Pratt 41B (1972) 383
Tonin, M., see R. Gatto 28B (1969) 128
Tonin, M., see S. Ciccariello 30B (1969) 546
Topping, R.L., see R.W. Berard 47B (1973) 355
Toraskar, J.R., see B. Budick 34B (1971) 539
Torelli, G., see A. Alberigi Quaranta 25B (1967) 429
Torelli, G., see A. Placci 32B (1970) 413
Torelli, G., see I.M. Blair 32B (1970) 528
Torelli, G., see J. Bailey 33B (1970) 369
Torgenson, D.F., K. Wien, R.D. MacFarlane, Concerning the anomalous Fermi strength in the β^{+}-decay of ^{20}Na and mirror symmetry in the mass-20 multiplet 40B (1972) 203
Torgerson, R., see N.N. Biswas 27B (1968) 513
Torgomian, G.B., see A.A. Franghian 34B (1971) 227
Torizuka, Y., see Y. Horikawa 36B (1971) 9
Torizuka, Y., see M. Nagao 37B (1971) 383
Tornow, W., G. Mack, G. Mertens, H. Spiegelhauer, Fast neutron double scattering from ^{4}He 44B (1973) 53
Törnqvist, N., see J. Bjørneboe 34B (1971) 638
Törnqvist, N.A., Isospin mixing as a source of enhanced isospin violation in πN scattering 40B (1972) 109
Törnqvist, N.A., New phenomena in $\pi N \to \pi N$: saturation of the most stringent isospin bound 47B (1973) 449
Toropainen, P., see C. Clofi degli Atti 42B (1972) 27

Toschinski, H., see J. Fechner 26B (1968) 374
Toth, K.S., see J.S. Larsen 42B (1972) 205
Touchard, A.M., see J. Duboc 34B (1971) 342
Touchard, A.M., see N.B. Durusoy 45B (1973) 517
Touchard, A.M., see H. Blumenfeld 45B (1973) 528
Touchard, A.M., see J. Derre 50B (1974) 287
Touchard, J., A connection between the surface delta interaction and the pairing plus quadrupole model in spherical nuclei 21B (1966) 85
Tovey, S., see M.J. Esten 24B (1967) 115
Tovey, S., see K.D. Billing 25B (1967) 435
Tovey, S.N., see T. Eichten 27B (1968) 586
Tovey, S.N., see D. Haidt 29B (1969) 691, 696
Tovey, S.N., see C. Mayeur 33B (1970) 441
Tovey, S.N., see P. Beillière 39B (1972) 671
Tovey, S.N., see G. Wilquet 42B (1972) 372
Tovey, S.N., see K. Paler 48B (1974) 151
Towner, I.S., see J.C. Hardy 23B (1966) 487; 25B (1967) 98, 577
Towner, I.S., Estimate of the branching to the excited 0^+ state in ^{42}Ca in the β^+-decay of ^{42}Sc 43B (1973) 267
Toyama, M., The effect of a two step process in (τ, t') reaction 38B (1972) 147
Toyama, M., A creative factor and two-step processes 49B (1974) 311
Trächslin, W., L. Brown, T.B. Clegg, R.G. Seyler, Polarization and phase shifts in D(p, p)D at 3.00 MeV 25B (1967) 585
Tracy, B.L., J. Chaumont, R. Klapisch, J.M. Nitschke, A.M. Poskanzer, E. Roeckl, C. Thibault, Half-lives of the new isotopes ^{99}Rb, ^{98}Sr and $^{145-146}$Cs 34B (1971) 277
Trainor, L.E.H., see W.Y. Ng 33B (1970) 545
Tran Ha Anh, see P.V. Chliapnikov 39B (1972) 279
Tran Ha Anh, see J.n. Carney 42B (1972) 124
Tran Thanh Van, J., see A. Krzywicki 30B (1969) 185
Tran Thanh Van, J., see D.D. Coon 45B (1973) 287
Traore, B.M., see G. Bassani 34B (1971) 612
Trautmann, D., see R.D. Viollier 40B (1972) 625
Trautmann, D., see G. Baur 42B (1972) 31
Trautmann, N., see T. Sikkeland 42B (1972) 201
Trautner, N., G. Lovhoider, P.R. Christensen, Elastic and inelastic deuteron scattering from ^{152}Sm and ^{162}Dy 44B (1973) 41
Traverso, T.J., see R.W. Berard 47B (1973) 355
Traxel, K., see U. Smilansky 38B (1972) 293
Trefil, J.S., see K. Kajantie 24B (1967) 106
Trefil, J.S., see S. Pinsky 27B (1968) 518
Trefil, J.S., see J.L. Newmeyer 38B (1972) 524
Trefil, J.S., see P.M. Fishbane 41B (1972) 153; 45B (1973) 503
Treiber, H., see K. Kilian 34B (1971) 283
Treille, D., see C. Betourne 24B (1967) 590
Treille, D., see J.C. Bizot 25B (1967) 489; 32B (1970) 416
Treille, D., see J.E. Augustin 28B (1969) 503, 517; 31B (1970) 673
Treille, D., see V. Chabaud 38B (1972) 441, 445, 449; 41B (1972) 209
Treille, D., see A. Eide 41B (1972) 225

Treille, D., see C. Baglin 47B (1973) 85; 89
Treiman, S.B., see D. Branson 25B (1967) 141
Treiman, S.B., see A. Pais 29B (1969) 308
Trentelman, G.F., I.D. Procter, The mass of ^{25}Si and the isobaric multiplet mass equation 35B (1971) 570
Trentelman, J.P., see R.A. Lindgren 49B (1974) 263
Tretyakova, M.I., see E.V. Anzon 31B (1970) 237, 241
Tretyakova, M.G. Antonova 39B (1972) 282, 285
Tribble, R.E., G.T. Garvey, J.R. Comfort, Particle-hole nature of the two lowest 3^- states in ^{24}Mg 44B (1973) 366
Trilling, G.H., see R. Arnold 28B (1969) 56
Trilling, G.H., see R.W. Bland 29B (1969) 618
Trilling, G.H., see A. Firestone 36B (1971) 513
Trilling, R., see K. Kolltveit 26B (1968) 423
Trillinger, G.H., see I.A. Budagov 28B (1969) 215
Trines, D., see K.H. Althoff 26B (1968) 677
Tripp, R.D., see R. Armenteros 24B (1967) 198
Tripp, R.D., see P. Baillon 50B (1974) 377, 383, 387
Trippe, T.G., see C.Y. Chien 28B (1969) 143; 29B (1969) 433
Trippe, T.G., C.Y. Chien, E. Malamud, J. Mellema, P.E. Schlein, W.E. Slater, D.H. Stork, H.K. Ticho, Evidence for a board scalar Kπ resonance near 1.1 GeV 28B (1969) 203
Trippe, T.G., C.Y. Chien, E.I. Malamud, D.J. Mellema, P.E. Schlein, W.E. Slater, D.H. Stork, H.K. Ticho, Erratum 29B (1969) 390
Trippe, T.G., see P. Söding 39B (1972) 1
Trischuk, J., see R.J. Ott 42B (1972) 133
Trochon, J., see D. Shackleton 42B (1972) 344
Trofimenkoff, N.N., Application of current algebra to $K \to 2\pi$ decays and the decay $K^+ \to \pi^+\gamma\gamma$ 41B (1972) 160
Trofimova, T.P., see M.G. Antonova 39B (1972) 282, 285
Troitski, M.A., see V.M. Osadchiev 26B (1968) 421; 29B (1969) 207
Troitski, V.E., see A.I. Kirillov 39B (1972) 249
Troitski, V.E., see V.I. Kukulin 39B (1972) 319
Troitsky, M.A., see A.J. Simonov 47B (1973) 405
Trostin, S.S., see M.I. Bulgakov 42B (1972) 351
Trostina, K.A., see M.S. Dubovikov 23B (1966) 716
Trower, W.P., see J.R. Ficenec 25B (1967) 369; 32B (1970) 460; 42B (1972) 213
Trower, W.P., see L.A. Fajardo 37B (1971) 363
Trubnikov, S.V., see V.I. Kukulin 39B (1972) 319
Trubnikov, S.V., see S.A. Smirnov 48B (1974) 105
Truelove, J.S., see S.T. Butler 26B (1968) 264, 276
Truffin, C., see R. Brout 29B (1969) 590
Truffin, C., see F. Englert 29B (1969) 686
Truhlik, E., see M. Sotona 43B (1973) 362
Trunova, E., see O. Balea 39B (1972) 571
Trunova, E., see Alma ... collaboration 48B (1974) 277
Truoel, P., W. Bierter, Alpha-deuteron structure of the ^{6}Li ground state 29B (1969) 21
Truöl, P., see R. Bloch 25B (1967) 215
Truong, T.N., see W.S. Lam 31B (1970) 307
Truong, T.N., Sum rules and bounds for the forward Compton scattering 31B (1970) 461
Truong Bien, see G.G. Beznogikh 30B (1969) 274; 39B (1972) 411; 43B (1973) 85

Tryon, E.P., Analytic, crossing-symmetric, unitary $\pi\pi$ amplitudes which satisfy $J = 1$ sum rules and the inequalities of Martin 36B (1971) 470
Tryon, E.P., Determination of exchange forces in the $\pi\pi$P wave 38B (1972) 527
Tsai, S.F., T.T.S. Kuo, A new treatment for the projection operator in nuclear G-matrix equation 39B (1972) 427
Tsai, S.F., see F.E. Cecil 45B (1973) 217
Tsai, S.F., see G. Bertsch 50B (1974) 319
Tsai, W., see T. Goldman 36B (1971) 467
Tsai, Y.-S., see K.J. Kim 40B (1972) 665
Tsai-Chü, see Barcelona ... collaboration 48B (1974) 467
Tsang, C.F., see S.G. Nilsson 28B (1969) 458
Tsilimigras, P., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Tsilimigras, P., see Th. Papadopoulou 43B (1973) 401
Tsipeniuk, Yu.M., see N.S. Rabotnov 26B (1968) 218
Tsipenyuk, Yu.M., see Yu.P. Gangsky 32B (1970) 182
Tsukada, K., see M. Maruyama 29B (1969) 414
Tsukamoto, J., see Y. Hemmi 43B (1973) 79
Tsu Yao, Phenomenological effective Lagrangian and the reactions $\gamma + \gamma \rightarrow$ pions 35B (1971) 225
Tsu Yao, see K.T. Mahanthappa 39B (1972) 549
Tsvetkova, T., see A. Babaev 38B (1972) 342
Tsyganov, E.N., see A.A. Derevchekov 48B (1974) 367
Tuan, S.F., see S. Pakvasa 37B (1971) 89
Tubis, A., see E. Fischbach 38B (1972) 8
Tubis, A., see Y.E. Kim 38B (1972) 354
Tubis, A., see E.P. Harper 40B (1972) 533
Tubis, A., see R.A. Brandenburg 49B (1974) 205
Tucker, L.M., see H.O. Cohn 27B (1968) 527
Tucker, R.W., see J.F.L. Hopkinson 47B (1973) 519
Tuli, S.K., see W.W.M. Allison 25B (1967) 619
Tuli, S.K., see J.N. Carney 42B (1972) 124
Tuliani, I., see O. Balea 39B (1972) 571
Tumaikin, G.M., see V.E. Balakin 34B (1971) 99, 328
Tumanov, G.K., see G.K. Bisheva 24B (1967) 533
Tumanov, G.K., see Y.D. Bajukov 24B (1967) 598
Tumanov, G.K., see V.V. Barmin 33B (1970) 377
Tunaal, T., see P.G. Hansen 28B (1969) 415, 596, 663
Tunkelo, E., see A. Palmgren 27B (1968) 554
Turala, M., see A.A. Derevchekov 48B (1974) 367
Turchetti, G., see D. Bessis 28B (1969) 567; 39B (1972) 601
Türck, D., W. Ziga, H.-G. Clerc, Fission barrier of ^{209}Bi measured by electron induced fission 49B (1974) 335
Turek, P., see B. Duelli 23B (1966) 485
Turek, P., see G.Th. Kaschl 29B (1969) 167
Turkot, F., see E.W. Anderson 29B (1969) 136
Turkot, F., see D. Birnbaum 31B (1970) 36, 486
Turkot, F', see W.E. Ellis 32B (1970) 641
Turlay, R., see P. Basile 26B (1968) 542; 28B (1969) 58; 36B (1971) 619
Turlay, R., see M. Bourquin 36B (1971) 615
Turlay, R., see A. Zylbersztejn 38B (1972) 457

Turnau, see S. Jadach 50B (1974) 369
Turnbull, R.M., see D.C. Colley 24B (1967) 489
Turnbull, R.M., see W.W.M. Allison 25B (1967) 619
Turner, G.K., see A.S. Clough 43B (1973) 476
Turovtsev, V.V., see E.I. Dolinsky 33B (1970) 147
Turotsev, V.V., see A.G. Baryshnickov 45B (1973) 1
Tuvdendorzh, D., see E.V. Anzon 31B (1970) 237, 241
Tuvdendorzh, D., see M.G. Antonova 39B (1972) 282, 285
Tuvdendorzh, D., see Q. Balea 39B (1972) 571
Tuvdendorzh, D., see Alma ... collaboration 48B (1974) 277
Tveter, A., see F. Boehm 22B (1966) 627; 23B (1966) 491
Tveter, A., see G.B. Hagemann 26B (1968) 136
Twin, P.J., see C.W. Lewis 22B (1966) 476
Twin, P.J., see I.G. Main 26B (1968) 295
Twin, P.J., W.C. Olsen, E. Wong, Positive parity states in ^{40}K 29B (1969) 570
Tyan, Y.L., see S.A.A. Zaidi 50B (1973) 305
Tyan San Khak, see Ts. Panteleev 35B (1971) 507
Tyapkin, A.A., see I.M. Vasilevsky 23B (1966) 174, 281
Tybor, W., see V.I. Ogievetsky 35B (1971) 69
Tye, S.-H.H., G. Veneziano, Exotic channels and approach to scaling in inclusive reactions 38B (1972) 30
Tys, J., see L. Pomorski 23B (1966) 369
Tys, J., see E. Piasecki 33B (1970) 568
Tys, J., see P. Colombani 42B (1972) 197
Tyutin, I.V., see E.S. Fradkin 30B (1969) 562
Tyutyugin, I.I., see V.M. Adamov 48B (1974) 311
Tzara, C., see L.C. Maximon 26B (1968) 201
Tze, H.C., see J. Dethlefsen 48B (1974) 48
Tze, H.C., see P. Olesen 50B (1974) 482

Überall, H., see R. Raphael 24B (1967) 15
Überall, H., see L.L. Hill 24B (1967) 364
Überall, H., B.A. Lamers, C.W. Lucas, A. Nagl, Charged pion photoproduction from ^{12}C with excitation of analog states 44B (1973) 324
Überall, H., see J.D. Murphy 44B (1973) 347
Überall, H., see A. Nagl 45B (1973) 99
Überall, R., see R. Raphael 25B (1967) 219
Udagawa, T., see R.A. Broglia 26B (1968) 250
Udagawa, T., see K. Kubo 32B (1970) 29
Udagawa, T., T. Tamura, T. Izumoto, Spectroscopic study of (p, t) reactions from neutron-magic nuclei in terms of the coupled-channel Born approximation 35B (1971) 129
Udagawa, T., see D. Braunschweig 35B (1971) 273
Udagawa, T., see W.R. Coker 41B (1972) 237; 46B (1973) 27
Udagawa, T., D.K. Olsen, Note on the "forbidden" (p, t) excitation of unnatural parity final states from 0^+ targets via multistep processes 46B (1973) 285
Udagawa, T., see G.W. Hoffmann 50B (1974) 249
Udo, F., see S. Andersson 28B (1969) 611; 30B (1969) 56
Udo, F., see M.G. Albrow 34B (1971) 337; 35B (1971) 247
Uematsu, T., see Y. Matsumoto 39B (1972) 258
Ueno, H., see K. Nisimura 30B (1969) 612
Ueta, N., see H.H. Duhm 38B (1972) 306
Ueta, N., see K.-I. Kubo 45B (1973) 299
Ugaz, E., see C.B. Chiu 43B (1973) 327
Uglum, J., see J. Foss 25B (1967) 166
Ui, H., L.C. Biedenharn, A remark on the generator-coordinate method and the quasi-boson approximation 27B (1968) 608
Ullah, N., C.S. Warke, Multi-channel unitary pole resonance form of the collision matrix 26B (1968) 556
Ullah, N., Remarks on the average cross sections using the unitary pole resonance form of the collision matrix 28B (1969) 240
Ullah, N., A study of the effect of weight functions on energy averages 40B (1969) 379
Ullah, N., K.K. Gupta, On the projected spectra from a deformed correlated intrinsic state 36B (1971) 196
Ullah, N., On the consistency of the random phase approximation 39B (1972) 173
Ullman, J.D., see R.K. Bardin 26B (1968) 112
Ullrich, H., see J. Engler 27B (1968) 599; 28B (1969) 64; 29B (1969) 321; 31B (1970) 669; 32B (1970) 716; 34B (1971) 528
Ullrich, H., see C.W. Lewis 47B (1973) 339
Ullrich, S., see F. Ackermann 26B (1968) 367
Umerjee, R.K., see D. DeFacio 21B (1966) 666
Umerjee, R.K., see B. Defacio 25B (1967) 449
Umezawa, H., see H. Matsumoto 46B (1973) 73
Umlauf, E., see G. Eska 36B (1971) 328
Underwood, B.Y., see D.W.O. Rogers 37B (1971) 65
Underwood, B.Y., see N.A. Jelley 40B (1972) 200
Underwood, D., see G. Conforto 45B (1973) 154
Unger, M., see K.H. Althoff 26B (1968) 677
Unik, J.P., see K.L. Wolf 38B (1972) 405; 43B (1973) 25
Unna, I., The effect of nuclear deformation on hyperfine structure anomaly 24B (1967) 499
Unna, I., see A. Mann 27B (1968) 72; 30B (1969) 133

Unna, I., see M.Y. Engel 28B (1969) 12
Unternährer, see A. Buta 50B (1974) 333
Upadhyay, P.N., see D.M. Binnie 36B (1971) 257, 537; 39B (1972) 275
Urbán, L., An unrestricted variational calculation on light nuclei 29B (1969) 91
Urban, L., see V.K. Birulev 38B (1972) 452
Urban, L., see Berlin ... collaboration 48B (1974) 257
Urban, L., see K.F. Albrecht 48B (1974) 393
Urban, P., F. Widder, Radiative corrections to electroproduction of pions 22B (1966) 526
Urbano, J., see A. Faessler 48B (1974) 87
Urin, M.G., D.F. Zaretsky, On the fine structure of the analogue resonances 28B (1969) 10
Urin, M.G., D.F. Zaretsky, Shell-model approach to the nucleon elastic scattering by nuclei 48B (1974) 176
Urone, P.P., see L.W. Put 35B (1971) 311
Urvater, E., see J.B. Kopelman 22B (1966) 118
Urvater, E., see R.E. Juhala 27B (1968) 257
Uschersohn, I., Sum rules for discontinuities and unitarity equations 38B (1972) 426
Usher, E.C., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Usmanov, T., see O. Balea 39B (1972) 571
Usmanov, T., see Alma ... collaboration 48B (1974) 277
Uto, H., see L.C.L. Yuan 31B (1970) 603; 40B (1972) 689
Uto, H., see E.H. Bellamy 39B (1972) 299
Uto, H., see N.H. Lipman 43B (1973) 89
Uto, H., see A. Bamberger 43B (1973) 153
Uto, H., see S. Devons 47B (1973) 217
Uto, H., see M.R. Jane 48B (1974) 260, 265
Utochkin, B.A., see Yu.M. Antipov 29B (1969) 245
Uyttenhove, J., see K. Heyde 26B (1968) 571

Vager, Z., see E. Abramson 26B (1968) 723; 29B (1969) 304; 38B (1972) 70
Vager, Z., A time reversal invariant formulation of average compound cross-sections 36B (1971) 269
Vagar, Z., see D. Agassi 46B (1973) 160
Vagradov, G., see S. Barshay 41B (1972) 130; 43B (1973) 271
Vainshtein, A.I., see A.D. Dolgov 24B (1967) 425
Vainshtein, A.I., To the problem of nonvanishing gravitation mass 39B (1972) 393
Vajda, S., A. Iordachescu, E.A. Ivanov, G. Pascovici, Investigation of a short-lived isomeric state in ^{115}Te 42B (1972) 54
Vakatov, V.I., see A.G. Artukh 32B (1970) 43
Valadares, M., see C. Briançon 34B (1971) 599
Valdata, M., see M. Borghini 31B (1970) 405; 36B (1971) 493, 497, 501
Valdata, M., see R. Amendolia 44B (1973) 119
Valdata, M., see G. Bellettini 45B (1973) 69
Valdata, M., see S.R. Amendolia 48B (1974) 359
Valdata, M., see G. Finocchiaro 50B (1974) 396
Valente, V., see P. Gorenstein 23B (1966) 394
Valente, V., see F. Ceradini 42B (1972) 501; 43B (1973) 341
Valentin, J., see B.G. Harvey 24B (1967) 43
Valentin, L., see C. Gerschel 33B (1970) 299
Valin, P., see R. Henzi 48B (1974) 119
Valkonen, M., see J. Kantele 39B (1972) 625
Valković, V., see C.F. Moore 25B (1967) 468
Valković, V., W. Von Witsch, D. Rendić, G.C. Phillips, Proton-proton quasi-free scattering in the p + d → p + p + n reaction for E_p = 4.5 – 13.0 MeV 33B (1970) 208
Valković, V., see W.E. Sweeney Jr. 37B (1971) 183
Valković, V., see J.E. Beam 41B (1972) 13
Valković, V., I.M. Duck, G.C. Phillips, Coulomb effects in deuteron-induced deuteron break-up 42B (1972) 191
Valković, V., see V.S. Bhasin 44B (1973) 317
Valladas, C., see G. Bizard 31B (1970) 481
Valladas, G., see C. Bricman 29B (1969) 451; 31B (1970) 152
Valley, J.F., see L. Jarczyk 39B (1972) 191
Vallieres, M., see D.H. Feng 46B (1973) 37; 47B (1973) 477
Vallieres, M., A. Klein, R.M. Dreizler, A simplified microscopic model of the Coriolis anti-pairing transition 41B (1972) 125
Vallois, G., see J. Saudinos 22B (1966) 492
Vallois, G., see G. Bruge 22B (1966) 640, 654
Vallois, G., J. Saudinos, O. Beer, M. Gendrot, P. Lopato, Spectroscopie de ^{207}Pb par diffusion inélastique de protons de 24.5 MeV 22B (1966) 659
Vallois, G., J. Saudinos, O. Beer, Spectroscopy of ^{206}Pb by inelastic scattering of 24.5 MeV protons 24B (1967) 512
Vallois, G., see G. Francillon 33B (1970) 216
Van Binst, P., see C. Mayeur 33B (1970) 441
Van Binst, P., see W. Schweinberger 36B (1971) 246
Van de Graaff, R.J., see L. Grodzins 24B (1967) 282
Vanden Berghe, G., K. Heyde, Level schemes and properties of the odd-mass Sb isotopes 32B (1970) 173
Vanden Berghe, G., see K. Heyde 35B (1971) 211; 43B (1973) 1
Vanden Berghe, G., K. Heyde, M. Waroquier, Isobaric analog resonance properties in a unified model calculation 38B (1972) 467

Van den Berhe, V., see M. Waroquier 41B (1972) 267
Vandenbosch, R., Influence of the double barrier on the quadrupole absorption component of photofission 45B (1973) 207
Vanderburg, V., see G. Kalbfleisch 29B (1969) 259
Vanderhagen, R., see J. Badier 41B (1972) 387
Vanderhagen, R., J. Huc, P. Fleury, J. Duboc, R. George, M. Goldberg, B. Makowski, N. Armenise, B. Ghidini, V. Picciarelli, A. Romano, A. Forino, R. Gessaroli, G. Quareni, A. Quareni-Vignudelli, A $\rho^-\pi^-$ enhancement at 1.32 GeV observed in 5 GeV/c π^- d interactions 24B (1967) 493
Vanderhagen, R., see K. Böckmann 28B (1969) 72
Vanderhagen, R., see P. Fleury 26B (1968) 682, 686
Vanderhaghen, R., see J. Badier 39B (1972) 414
Vanderleeden, J.C., F. Boehm, Experiments on parity non-conservation in nuclear gamma transitions of ^{181}Ta and ^{175}Lu 30B (1969) 467
Vanderleeden, J.C., see E.D. Lipson 35B (1971) 307
Van der Leun, C., see B. Bośnjaković 23B (1966) 687
Van der Leun, C., P. De Wit, A simple and versatile gamma-ray source for the calibration of high-energy Ge(Li) spectra 30B (1969) 406
Van der Leun, C., see P. De Wit 30B (1969) 639
Van der Leun, C., see P.W.M. Glaudemans 34B (1971) 41
Van der Ploeg, F.A., see L.P. Kok 40B (1972) 300
Van der Raay, H.B., see K.R. Chapman 21B (1966) 465
Van der Raay, H.B., see L.M.C. Dutton 25B (1967) 245; 26B (1968) 679
Van der Veen, F., see M.G. Albrow 40B (1972) 136; 42B (1972) 279
Van der Velde, J., see I.A. Budagov 28B (1969) 215
Van der Velde, J.C., Predictions and tests of the hypothesis of limiting fragmentation 32B (1970) 501
Van der Velde, J.C., see M.J. Longo 36B (1971) 560
Van der Velde, J.C., see J.W. Chapman 47B (1973) 465
Van der Werf, S.Y., see S. André 30B (1969) 160
Van de Walle, R.T., see K. Böckmann 28B (1969) 72
Van de Walle, R.T., see D. Haidt 29B (1969) 691, 696
Van de Walle, R.T., see T.H.J. Bellm 33B (1970) 438
Van Doninck, W., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Van Doninck, W., see F.J. Hasert 46B (1973) 121, 138
Van Driel, M.A., see J.A.J. Hermans 50B (1974) 337
Van Eijk, C.W.E., M.J.C. Visscher, The $K\alpha_1$ X-ray isotopic shift for ^{140}Ce-^{142}Ce and the differences in nuclear charge radii of Ce isotopes 33B (1970) 349
Van Eijk, C.W.E., R.W. Kooy, Probability of K-shell auto-ionization in the β^--decay of ^{143}Pr 46B (1973) 351
Van Ginneken, A., see Barcelona ... collaboration 48B (1974) 467
Van Hienen, J.F.A., P.W.M. Glaudemans, Some remarks on magnetic dipole moments in light nuclei 42B (1972) 301
Van Hove, L., Regge pole and single particle exchange mechanisms in high energy collisions 24B (1967) 183
Van Hove, L., see J.J.J. Kokkedee 25B (1967) 228
Van Hove, L., Final state classification and new phase space plot for many-body hadron collisions 28B (1969) 429
Van Hove, L., Multiplicity distribution and production mechanisms in high energy hadron collisions 43B (1973) 65

Van Krugten, H., see B. Van Nooijen 25B (1967) 510
Van Leuven, P., see M. Bouten 22B (1966) 510; 26B (1968) 191
Van Leuven, P., see J. Krüger 28B (1969) 623
Van Middelkoop, G., see E.D. Earle 32B (1970) 471; 33B (1970) 476
Van Middelkoop, G., see J. Konijn 35B (1971) 567
Van Middelkoop, G., see R.E. Horstman 48B (1974) 31
Van Neste, L., R. Coussement, J.P. Deutsch, Second-forbidden contributions to isospin-forbidden (0^+)-(0^+) beta-transitions 23B (1966) 122
Van Nieuwenhuizen, P., see S. Deser 50B (1974) 491
Van Niftrik, G.J.C., R. Engfer, Elastic electron scattering from lead and bismuth at 53 MeV 22B (1966) 490
Van Niftrik, G.J.C., see H. Theissen 22B (1966) 623
Van Niftrik, G.J.C., see H. De Vries 33B (1970) 403
Vannini, G., see A. Bertin 38B (1972) 260; 41B (1972) 201; 42B (1972) 493
Vannucci, F., see S. Gjesdal 40B (1972) 152; 44B (1973) 217
Vannucci, F., see C. Geweniger 48B (1974) 483, 487
Van Nooijen, B., H. Van Krugten, The K-conversion coefficient of the 569.6 keV transition in ^{207}Pb 25B (1967) 510
Van Oers, W.T.H., see B. Antolković 23B (1966) 477
Van Oers, W.T.H., J.D. Seagrave, The neutron-deuteron scattering lengths 24B (1967) 562
Van Oers, W.T.H., see K.H. Bray 35B (1971) 41
Van Oers, W.T.H., H. Haw, On the energy dependence of the real central optical potential for photon-nucleus scattering 45B (1973) 227
Vanoli, F., see B. Bartoli 36B (1971) 593, 598
Van Oostrum, K.J., see R.F. Frosch 21B (1966) 598
Van Patter, D.M., see M. Soga 26B (1968) 727
Van Rinsvelt, H.A., see G.E. Assousa 26B (1968) 503
Van Rinsvelt, H.A., see H.R. Weller 27B (1968) 283
Van Rossum, L., see M. Banner 21B (1966) 582
Van Rossum, L., see A. De Lesquen 40B (1972) 277
Van Rossum, L., see G. Cozzika 40B (1972) 281
Van Rossum, L., see J. Deregel 43B (1973) 338
Van Rossum, L., see C. Bruneton 44B (1973) 471
Van Royen, R.P., see J. Iliopoulos 25B (1967) 146
Van Royen, R.P., see J.S. Bell 25B (1967) 354
Van Wageningen, R., G. Erens, Square-well potential and three-nucleon boundstate properties 34B (1971) 184
Van Wageningen, R., see J.L. Visschers 34B (1971) 455
Van Wageningen, R., see J. Bruinsma 44B (1973) 221
Varcaccio, G., see B. Bosco 30B (1969) 136
Vartapetian, H.A., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301; 48B (1974) 463
Vary, J.P., see E.U. Baranger 41B (1972) 568
Vasavada, K.V., Role of non-Pomeranchuk Regge cuts in high-energy scattering 34B (1971) 214
Vasavada, K.V., see L.J. Gutay 46B (1973) 88
Vascotto, A., see F. Bradamante 31B (1970) 87; 32B (1970) 303; 44B (1973) 202
Vasholz, D.P., see M.T. Parkinson 45B (1973) 376
Vasilevsky, I.M., V.V. Vishnyakov, I.M. Ivanchenko, L.I. Lapidus, I.N. Silin, A.A. Tyapkin, V.A. Schegelsky, Recoil proton polarization in elastic π^-p scattering at 300 MeV and the phase shift analysis of pion-nucleon scattering 23B (1966) 174

Vasilevsky, I.M., V.V. Vishnyakov, A.F. Dunaitsev, Yu.D. Prokoshkin, V.I. Ryaklin, A.A. Tyapkin, Mass difference on the negative and neutral pions 23B (1966) 281
Vasiliades, G., see J.R. Fry 41B (1972) 539
Vasilijev, O.V., G.N. Zalesny, S.F. Semenko, V.A. Semenov, The giant dipole resonance in the transition region from spherical to deformed nuclear shapes 30B (1969) 97
Vasilijev, O.V., see S.F. Semenko 31B (1970) 429
Vasiljev, L.M., see S.P. Denisov 36B (1971) 528
Vasilyev, L.M., see V.N. Bolotov 38B (1972) 120
Vatai, E., Evidence against the existence of second class currents in nuclear beta-decay 34B (1971) 395
Vater, P., see H.J. Becker 50B (1974) 445
Vatian, A.L., see L.O. Abrahamian 38B (1972) 544; 44B (1973) 301
Vaucher, B., see J. Favier 31B (1970) 609
Vautherin, D., M. Vénéroni, Solution of the nuclear Hartree-Fock equations in coordinate space 25B (1967) 175
Vautherin, D., M. Vénéroni, Potential scattering by a nuclear Hartree-Fock field 26B (1968) 552
Vautherin, D., M. Vénéroni, A Hartree-Fock calculation of ^{208}Pb in coordinate space 29B (1969) 203
Vautherin, D., D.M. Brink, Hartree-Fock calculations with Skyrme's interaction 32B (1970) 149
Vautherin, D., see J. Nemeth 32B (1970) 561
Vautherin, D., M. Vénéroni, D.M. Brink, A Hartree-Fock calculation for the stability of super-heavy nuclei 33B (1970) 381
Vautherin, D., see Nguyen van Giai 35B (1971) 135
Vautherin, D., see H. Flocard 46B (1973) 304
Va'vra, J., see R.J. Ott 42B (1972) 133
Vayaki, A., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Vayaki, A., see Th. Papadopoulou 43B (1973) 401
Vedelsby, P., see C. Ellegaard 25B (1967) 512; 26B (1968) 155
Vedelsby, P., see M. Oothoudt 32B (1970) 270
Veggian, M., see P. Taras 41B (1972) 295
Vegni, G., see F. Conte 22B (1966) 702
Vegors, Jr., S.H., see R.C. Greenwood 33B (1970) 213
Veillet, J.J., see B. Daugeras 27B (1968) 332
Veillet, J.J., see R. Huson 28B (1969) 208
Veje, C.J., see D.F. Petersen 24B (1967) 449
Veje, L., see H. Bøggild 30B (1969) 369
Veltman, M., Isotopic spin selection rules and the decay $K_L \to 2\pi$ 24B (1967) 587
Veltman, M., see W.E. Cleland 26B (1968) 45
Veltman, W.A.M., F.C. Erné, Parity determination of two resonances in ^{23}Na $(p,\alpha\gamma)^{20}$Ne 23B (1966) 139
Vénéroni, M., see D. Vautherin 25B (1967) 175; 26B (1968) 552; 29B (1969) 203; 33B (1970) 381
Veneroni, M., see Nguyen van Giai 35B (1971) 135
Veneroni, M., see I. Sick 39B (1972) 443
Veneziano, G., see M. Ademollo 22B (1966) 521; 27B (1968) 99
Veneziano, G., see D. Amati 27B (1968) 38
Veneziano, G., see S. Fubini 29B (1969) 679
Veneziano, G., see L. Caneschi 30B (1969) 351
Veneziano, G., see A. Di Giacomo 33B (1970) 171
Veneziano, G., Duality and the bootstrap 34B (1971) 59
Veneziano, G., Sum rules for inclusive reactions and discontinuity formulae 36B (1971) 397
Veneziano, G., see M.B. Green 36B (1971) 477

Veneziano, G., see S.-H.H. Tye 38B (1972) 30
Veneziano, G., Origin and intercept of the Pomeranchuk singularity 43B (1973) 413
Ventura, L., see A. Brabson 42B (1972) 283, 287
Ventura, E., J.R. Calarco, W.E. Meyerhof, A.M. Young, Direct and resonant capture observed in the $^{3}H(r,\gamma)^{6}Li$ reaction 46B (1973) 364
Venugopala Rao, P., R.W. Fink, K-shell conversion coefficient of the 102.7 keV transition in the $^{81}Se^{m}$ decay 26B (1968) 618
Venus, W., see R. Arnold 28B (1969) 56
Venus, W., see I.A. Budagov 28B (1969) 215; 29B (1969) 524; 30B (1969) 364
Venus, W., see D.C. Cundy 31B (1970) 478
Venus, W., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Venus, W., see F.J. Hasert 46B (1973) 121, 138
Verba, J.W., see I. Šlaus 23B (1966) 358
Verba, J.W., see C.C. Chang 28B (1969) 175
Verba, J.W., see M.B. Epstein 36B (1971) 305
Verbeure, F., see G. Bassompierre 25B (1967) 440; 26B (1968) 30; 27B (1968) 468
Verbeure, F., see M. Jobes 26B (1968) 49
Verbeure, F., see P.V. Chliapnikov 39B (1972) 279
Verbeure, F., see J.N. Carney 42B (1972) 124
Vergados, J.D., see A.D. Jackson 30B (1969) 455
Vergados, J.D., How pure are the single particle states in Pb region? 34B (1971) 121
Vergados, J.D., Microscopic description of 2p-2h states in ^{208}Pb 34B (1971) 458
Vergados, J.D., T.T.S. Kuo, Electric dipole transitions in ^{88}Sr and ^{90}Zr 35B (1971) 93
Vergados, J.D., Configuration mixing effects on M_1 transitions and magnetic moments in Pb region 36B (1971) 12
Vergados, J.D., H.W. Baer, Importance of momentum dependent terms in radiative pion capture 41B (1972) 560
Verganelakis, A., see M. Greco 27B (1968) 317
Vergara Caffarelli, R., see F. Strocchi 35B (1971) 595
Vergara Caffarelli, R., see G. Cicogna 46B (1973) 217
Verglas, A., see R. Barloutaud 26B (1968) 674
Verhaar, B.J., see L.D. Tolsma 27B (1968) 192
Vernin, P., see J. Duclos 43B (1973) 245
Vernon, W., see T. Maung 33B (1970) 521
Vernon, W., see V.A. Ashford 38B (1972) 47
Vernov, Yu.S., see M.N. Mnatsakanova 40B (1972) 174
Vertse, T., see B. Gyarmati 41B (1972) 110
Vervier, J., Energy levels of ^{50}Ca 22B (1966) 82
Vervier, J., Energy levels of ^{53}V and the $^{51}V(t,p)^{53}V$ reaction 24B (1967) 603
Vervier, J., see R.M. Lieder 49B (1974) 161
Verwest, B., D.O. Riska, The effect of the s-wave $\pi\pi$ interaction on peripheral nucleon-nucleon scattering 47B (1973) 1
Verwest, B., D.O. Riska, Determination of the ωpp coupling constant using pp forward dispersion relation 48B (1974) 17
Verzegnassi, C., see N. Paver 26B (1968) 388
Verzegnassi, C., see P. Gensini 47B (1973) 515
Verzegnassi, C., see A. Del Guerra 50B (1974) 487
Veselovsky, G.S., see V.V. Barmin 33B (1970) 377; 35B (1971) 604

Vestergombi, G., see V.K. Birulev 38B (1972) 452
Vesztergombi, G., see G. Bozóki 30B (1969) 498
Vesztergombi, G., see Berlin ... collaboration 48B (1974) 257
Vesztergombi, G., see K.F. Albrecht 48B (1974) 393
Vetlitsky, I.A., V.M. Guszavin, G.K. Kliger, V.Z. Kolganov, A.V. Lebedev, G.S. Lomkazi, V.T. Smoljankin, A.P. Sokolov, E.A. Sisoev, Evidence for a boson resonance at 1.63 GeV in π^-p interactions at the incident momentum of π^--mesons 4.7 GeV/c 21B (1966) 579
Vetlitsky, I.A., see M.S. Dubovikov 23B (1966) 716
Vetlitsky, J.A., see V.M. Guzhavin 23B (1966) 719
Vialle, J.P., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Vialle, J.P., see F.J. Hasert 46B (1973) 121, 138
Viano, J.B., Y. Dupont, J. Menet, Levels of ^{52}Fe from the ^{54}Fe(p, t)^{52}Fe reaction 34B (1971) 397
Viano, J.B., see Y. Terrien 45B (1973) 235
Viatte, P., see A. Buta 50B (1974) 333
Vickery, R.P., see E.H. Bellamy 39B (1972) 299
Vickery, R.P., see N.H. Lipman 43B (1973) 89
Videau, H., see L. Moscoso 32B (1970) 513; 40B (1972) 285
Videau, H., see I. Videau 41B (1972) 213
Videau, I., H. Videay, A. Rouge, E. Barrelet, J. Badier, J.P. De Brion, I. Moscoso, J.R. Hubbard, R. Rader, f and f' production in K$^-$p interactions at 3.95 GeV/c 41B (1972) 213
Videbaek, F., see P.R. Christensen 45B (1973) 107
Videbaek, F., see J.B. Ball 49B (1974) 348
Vignaud, D., see P.V. Chliapnikov 39B (1972) 279
Vignaud, D., see J.N. Carney 42B (1972) 124
Vignon, B., see N. Longequeue 32B (1970) 596
Vignon, B., see J.F. Bruandet 37B (1971) 58
Vigone, M., see V. Bisi 25B (1967) 572
Vigone, M., see K. Böckmann 28B (1969) 72
Vikhlyantseva, L.V., see G.G. Beznogikh 43B (1973) 85
Vilain, P., see W. Gajewski 21B (1966) 673; 23B (1966) 152
Vilain, P., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Vilain, P., see F.J. Hasert 46B (1973) 121, 138
Vilain, P., see H. Braun 47B (1973) 182, 185
Villa, F., see M. Davier 28B (1969) 619
Villet, G., see R. Ayed 31B (1970) 598; 32B (1970) 404
Vincelli, L., see P. Bonamy 23B (1966) 501
Vincelli, M.L., see W.D. Apel 40B (1972) 680; 41B (1972) 234, 542; 46B (1973) 459
Vincent, C.M., S. Pittel, Perturbative approximations to the effective Hamiltonian in the presence of an intruder state 47B (1973) 327
Vincent, J.S., see R.E. Warner 24B (1967) 91
Vincent, J.S., E.T. Boschitz, J.R. Priest, Large angle alpha particle scattering from the 3$^+$ unnatural parity states in magnesium 25B (1967) 81
Vincent, M.-A., see Barcelona ... collaboration 48B (1974) 467
Vinciarelli, P., see W.C. Ng 36B (1971) 58; 39B (1972) 219
Vinciarelli, P., see R.A. Brandt 40B (1972) 495
Vinciguerra, D., see M. Bernheim 25B (1967) 461; 30B (1969) 412
Vingiani, G.B., G. Chilosi, W. Bruynesteyn, The ^{49}Ca ground-state analogue 26B (1968) 285

Vingiani, G.B., see G. Chilosi 27B (1968) 81
Vingiani, G.B., G. Chilosi, C. Rossi-Alvarez, The ^{47}Ca first excited-state analogue 34B (1971) 597
Vingiani, G.B., C. Rossi-Alvarez, A. Buscemi, F. Brandolini, F. Cervellera, The g-factor of the $3/2^-$ 153 KeV state in ^{49}V 40B (1972) 638
Vingiani, G.B., see F. Brandolini 49B (1974) 261
Vinh Mau, N., see A. Bouyssy 25B (1967) 533; 35B (1971) 269; 44B (1973) 139; 48B (1974) 162
Vinh Mau, N., A.M. Bruneau, The circular polarization of γ rays from ^{181}Ta and the parity violating one pion exchange potential 29B (1969) 408
Vinh Mau, N., see B. Desplanques 35B (1971) 28
Vinh Mau, R., see B. Bonnier 24B (1967) 477
Vinh Mau, R., J.M. Richard, B. Loiseau, M. Lacombe, W.M. Cottingham, Nucleon-nucleon interaction from pion-nucleon phase shift analysis. The NN peripheral partial waves 44B (1973) 1
Vinitskij, A., see Alma ... collaboration 48B (1974) 277
Vinnay, I., see T. Czibók 29B (1969) 105
Vinnichenko, A.E., see B.D. Grachyov 22B (1966) 498
Vinnitsky, A.H., see E.V. Anzon 31B (1970) 237, 241
Vinogradov, V.B., see G. Bozóki 28B (1969) 360
Vinogradov, V.B., see V.V. Barmin 33B (1970) 377
Viollier, R.D., G.R. Plattner, D. Trautmann, K. Adler, Forward dispersion relations and low-energy elastic scattering of charged particles from nuclei 40B (1972) 625
Violier, R.D., G.R. Plattner, K. Alder, The $pp\pi^0$ coupling constant and electromagnetic effects in p-p forward dispersion relations 48B (1974) 99
Violini, G., see M. Lusignoli 21B (1966) 229; 24B (1967) 296
Violini, G., see F. Buccella 21B (1966) 572
Violini, G., see E. Ferrari 28B (1969) 684
Violini, G., see A.D. Martin 29B (1969) 311
Violini, G., see M. Restignoli 31B (1970) 533
Virasoro, M.A., see D. Amati 27B (1968) 38
Virasoro, M.A., see M. Ademollo 27B (1968) 99
Virasoro, M.A., see M.B. Einhorn 37B (1971) 292
Visentin, R., see B. Borgia 35B (1971) 340
Visentin, R., see F. Ceradini 42B (1972) 501; 43B (1973) 341
Visentin, R., see S. Orito 48B (1974) 165
Vishnevskaya, K., see O. Balea 39B (1972) 571
Vishnevskaya, K., see Alma ... collaboration 48B (1974) 277
Vishnevsky, I.N., see A.V. Davydov 30B (1969) 616
Vishnevsky, M.E., see M.Ya. Balatz 26B (1968) 320
Vishnevsky, N.I., see F. Binon 30B (1969) 510
Vishnevsky, N.K., see Yu.M. Antipov 29B (1969) 245; 30B (1969) 576; 34B (1971) 164
Vishnyakov, V.V., see I.M. Vasilevsky 23B (1966) 174, 281
Visky, T., see B. Bogdan 41B (1972) 221
Vislay, M.E., see F.R. Kane 45B (1973) 292
Visscher, M.J.C., see C.W.E. van Eijk 33B (1970) 349
Visschers, J.L., R. Van Wageningen, Low-lying levels of ^{12}C and the three-alpha particle model 34B (1971) 455
Vivargent, M., see M. Bott-Bodenhausen 23B (1966) 277; 24B (1967) 194, 438
Vivargent, M., see G. Neuhofer 39B (1972) 271; 41B (1972) 642
Vivargent, M., see M. Metcalf 40B (1972) 703

Vivargent, M., see F. Niebergall 49B (1974) 103
Vladimirov, A.A., see V.V. Belokurov 47B (1973) 359
Vladimirsky, V.V., see M.S. Dubovikov 23B (1966) 716
Vlasov, E.B., see J. Derre 50B (1974) 287
Vlasov, E.V., see V.A. Bumazshnov 50B (1974) 283
Vlassopulos, S.D.P., see R.C. Johnson 50B (1974) 343
Vobecký, M., see O. Dragoun 28B (1969) 251
Voci, C., see A. Brabson 42B (1972) 283, 287
Vodopianov, A.S., see A.A. Derevchekov 48B (1974) 367
Vogel, G., see G. Buschhorn 37B (1971) 207, 211
Vogel, G., H. Burfeindt, G. Buschhorn, P. Heide, U. Kötz, K.-H. Mess, P. Schmüser, B. Sonne, B.H. Wiik, Recoil polarization in $K^+\Lambda$ photoproduction at 5 GeV 40B (1972) 513
Vogel, G., see H. Burfeindt 43B (1973) 345
Vogel, P., see L.A. Malov 22B (1966) 441
Vogel, P., On the nuclear octupole deformation in the $218 \leqslant A \leqslant 232$ region 25B (1967) 65
Vogel, P., see K. Neergård 30B (1969) 75
Vogel, P., see L. Kocbach 32B (1970) 434
Vogel, P., On the description of the positive parity states in odd-N rare earth nuclei 33B (1970) 400
Vogler, F., see H. Wagner 47B (1973) 497
Vogt, E., Rotational band of ^{20}Ne 40B (1972) 345
Vogt, E.W., see L. Scherk 25B (1967) 86
Vogt, E.W., see G. Michaud 30B (1969) 85
Vogt, H., see J. Bartsch 22B (1966) 357
Volkov, A.B., see D.J. Hughes 23B (1966) 113
Volkov, A.B., see M.R. Manning 26B (1968) 60
Volkov, A.B., see T.H. Ho 30B (1969) 303; 31B (1970) 259
Volkov, A.B., A note on the analysis of rotational spectra 35B (1971) 299
Volkov, A.B., see K.R. Lassey 36B (1969) 4; 39B (1972) 169
Volkov, A.B., see R.E. Griffin 36B (1971) 281
Volkov, A.B., The extension of the variable moment of inertia model to odd-even nuclei 41B (1972) 1
Volkov, A.B., see B.C. Smith 47B (1973) 193
Volkov, D.V., V.V. Radchenko, On the fermion resonances in the Veneziano model 36B (1971) 83
Volkov, D.V., V.P. Akulov, Is the neutrino a Goldstone particle? 46B (1973) 109
Volkov, V.V., see L. Pomorski 23B (1966) 369
Volkov, V.V., see A.G. Artukh 31B (1970) 129; 32B (1970) 43; 33B (1970) 407
Volkovitsky, P.E., see V.V. Anisovich 35B (1971) 443; 42B (1972) 224
Volmyansky, E.I., see L.K. Peker 36B (1971) 547
Volmyanski, E.I., see Yu.N. Rakivnenko 44B (1973) 462
Volodko, A.G., see G. Bozoki 28B (1969) 360
Vonach, H., see E. Huenges 46B (1973) 361
Von Blanckenhagen, P., see H. Ackermann 29B (1969) 485
Von Bochmann, G., see J. Bailey 28B (1969) 287
Von Bochmann, G., B. Margolis, C.L. Tang, Effect of correlations on coherent and incoherent processes in nuclei 30B (1969) 254
Von Brentano, P., see C.F. Moore 22B (1966) 616
Von Brentano, P., see W. Von Witsch 22B (1966) 631
Von Brentano, P., see S.A.A. Zaidi 23B (1966) 466

Von Brentano, P., see P. Richard 26B (1968) 8
Von Brentano, P., W.J. Braithwaite, J.G. Cramer, W.W. Eidson, G.W. Phillips, Identification of 1^- neutron particle-hole states in ^{140}Ce 26B (1968) 448
Von Brentano, P., W.K. Dawson, C.F. Moore, P. Richard, W. Wharton, H. Wieman, Determination of the total widths of the single-particle analog resonances in ^{209}Bi 26B (1968) 666
Von Brentano, P., see J.P. Bondorf 27B (1968) 5
Von Brentano, P., W.K. Dawson, C.F. Moore, P. Richard, W. Wharton, H. Wieman, Erratum 27B (1968) 163
Von Brentano, P., see V. Metag 34B (1971) 257
Von Dardel, G., see W.E. Cleland 26B (1968) 45
Von Dardel, G., see B. Alper 44B (1973) 521, 527; 46B (1973) 265; 47B (1973) 75, 275
Von der Decken, A., D. Dehnhard, M. Goldschmidt, W. Reiter, D. Rieck, W. Saathoff, C.-A. Wiedner, The $d_{3/2}$ hole strength in the ground state of ^{44}Ca 41B (1972) 477
Von der Malsburg, Ch., see G. Backenstoss 31B (1970) 233; 36B (1971) 403; 43B (1973) 539
Von Egidy, T., see Th.W. Elze 27B (1968) 78
Von Gehlen, G., H. Wessel, H.R. Rubinstein, New duality results for the proton-neutron electroproduction structure function difference 42B (1972) 365
Von Goeler, E., see L. Criegee 28B (1969) 282
Von Goeler, E., see H.R. Blieden 39B (1972) 668
Von Gunten, A.H., H.K. Walter 40B (1972) 197
Von Handel, P., see F. Conte 22B (1966) 702
Von Hippel, F., J. Finkelstein, S-wave bound states implied by the SU(3) × SU(3) charge algebra 31B (1970) 226
Von Holtey, G., G. Knop, H. Stein, J. Stümpfig, H. Wahlen, The π^-/π^+ ratio of photoproduction on deuterium for energies between 240 and 400 MeV 40B (1972) 589
Von Krogh, J., S. Miyashita, J.B. Kopelman, L. Matshall Libby, Pi-rho mass spectrum in π^-p interactions at 6.7 GeV/c; spin-parity analyses for A(1200) and for A(1300) 27B (1968) 253
Von Krogh, J., see T. Eichten 40B (1972) 593; 46B (1973) 274, 281
Von Krogh, J., see F.J. Hasert 46B (1973) 121, 138
Von Lindern, L., see B.D. Hyams 24B (1967) 634; 29B (1969) 128, 521
Von Oertzen, W., see R. Bock 22B (1966) 456
Von Oertzen, W., H.H. Gutbrod, M. Müller, U. Voos, R. Bock, Heavy ion transfer reactions with identical initial and final states 26B (1968) 291
Von Oertzen, W., J.C. Jacmart, M. Liu, F. Pougheon, J.C. Roynette, M. Riou, A heavy-ion reaction leading to members of an isospin multiplet: $^{14}N + ^{12}C \rightarrow ^{13}N + ^{13}C$ 28B (1969) 482
Von Oertzen, W., G. Bohlen, B. Gebauer, E.E. Habib, N. Marquardt, Effect of the core spin on the exchange of nucleons in the scattering of ^{14}N on ^{12}C and ^{13}C 34B (1971) 51
Von Oertzen, W., see N. Marquardt 35B (1971) 37
Von Oertzen, W., see H.G. Bohlen 37B (1971) 451; 41B (1972) 425
Von Oertzen, W., see K.D. Hildenbrand 42B (1972) 425
Van Platen, Ch., see H.J. Besch 26B (1968) 721; 28B (1969) 422
Vons, P., see T.H.J. Bellm 33B (1970) 438
Von Wimmersperg, U., G. Kernel, B.W. Allardyce, W.M. Mason, N.W. Tanner, A test of time reversal invariance through detailed balance of the reaction $^{12}C(\alpha,\gamma)^{16}O$ 33B (1970) 291
Von Witsch, W., A. Richter, P. Von Brentano, A test of time-reversal invariance in the reactions $^{24}Mg(\alpha,p)^{27}Al$ and $^{27}Al(p,\alpha)^{24}Mg$ 22B (1966) 631
Von Witsch, W., see V. Valković 33B (1970) 208
Voorthuis, H., see T.H.J. Bellm 33B (1970) 438
Voos, U., see W. Von Oertzen 26B (1968) 291

Vorobiev, A.A., D.M. Seleverstov, V.T. Grachov, I.A. Kondurov, A.M. Nikitin, A.I. Yegorov, Yu.K. Zalite, Light nuclei from ^{233}U neutron fission 30B (1969) 332
Vorobjev, A.P., see V.V. Ammosov 42B (1972) 519
Vorobjev, L.S., see Y.D. Bajukov 24B (1967) 598
Vorobyev, L.S., see A.O. Aganyants 27B (1968) 590
Vorobyev, L.S., see Yu.D. Bayukov 33B (1970) 416
Vorobyov, A., see O. Balea 39B (1972) 571
Vorobyov, A.A., D.M. Seleverstov, V.T. Grachov, I.A. Kondurov, A.M. Nikitin, N.N. Smirnov, Yu.K. Zalite, Light nuclei from ^{235}U neutron fission 40B (1972) 102
Vorobyov, A.A., A.S. Denosov, Yu.K. Zalite, G.A. Korolev, V.A. Korolev, G.G. Kovshevny, Ye.M. Maev, V.I. Medvedev, G.L. Sokolov, G.Ye. Solyakin, E.M. Spiridenkov, I.I. Tkach, V.A. Schegelsky, Elastic pp-scattering in the Coulomb interference region in the momentum range 1.1 to 1.7 GeV/c 41B (1972) 639
Vorobyov, A.A., see G.D. Alkhazov 42B (1972) 121
Vosburgh, K.G., see W. Schimmerling 37B (1971) 177
Vossler, C., see S.E. Derenzo 28B (1969) 401
Votava, H.J., W.J. Thompson, Excited-state-threshold resonance effects in ^{9}Be(p, p_0)^{9}Be and ^{9}Be(p, n)^{9}B 41B (1972) 405
Votruba, J., *CPT*, *T* and fine interference effects in two and three-pionic decay of neutral kaons 41B (1972) 485
Votruba, J., see Berlin ... collaboration 48B (1974) 257
Votruba, J., Coherent transmission of neutral kaons in matter and forward scattering amplitudes 50B (1974) 273
Vourvopoulos, G., J.D. Fox, Identification of the $T_<$ component for single-proton hole states in ^{90}Zr 25B (1967) 543
Vovenko, A.S., see T. Dobrowolski 24B (1967) 203
Vovenko, A.S., see V.K. Birulev 38B (1972) 452
Vovenko, A.S., see Berlin ... collaboration 48B (1974) 257
Vovenko, A.S., see K.F. Albrecht 48B (1974) 393
Voynov, V.G., see E.V. Anzon 31B (1970) 237, 241
Voyvodic, L., see R. Singer 49B (1974) 481
Vu Hai, L., see J. Banaigs 43B (1973) 535; 45B (1973) 394, 555
Vuilleumier, J.H., see H.K. Walter 40B (1972) 197
Vuilleumier, J.L., see R. Link 42B (1972) 57
Vukanović, R.L. Samuelsson, M. Migahed, L. Westerberg, L.O. Edvardson, Internal conversion studies of double decay processes in ^{114}In 29B (1969) 576

Wacek, I., see W. Kittel 21B (1966) 349; 22B (1966) 240
Wacek, I., see J. Bartsch 22B (1966) 357
Wacek, I., see M. Aderholz 24B (1967) 434
Wachsmuth, H., see T. Eichten 46B (1973) 274, 281
Wachsmuth, H.W., see I. Budagov 29B (1969) 524; 30B (1969) 364
Wachsmuth, H.W., see D.C. Cundy 31B (1970) 478
Wachsmuth, H.W., see T. Eichten 40B (1972) 593
Wachsmuth, H.W., see F.J. Hasert 46B (1973) 121, 138
Wada, S., Analyticity of the $K_{\ell 3}$ decay form factor in the chiral symmetry breaking parameters 49B (1974) 175
Wada, T., see M. Koike 26B (1968) 288
Wada, T., see H. Kamitsubo 28B (1969) 408
Wada, W., Vector dominance model and the P, P′ and a Regge-pole trajectory effects in high energy Compton scattering 34B (1971) 317
Wadell, C.N., see M. Furić 39B (1972) 629
Waddington, J.C., see D.G. Burke 33B (1970) 460; 43B (1973) 470
Waghmare, Y.R., see C.M. Shakain 21B (1966) 209
Waghmare, Y.R., see R.S. Kaushal 31B (1970) 637
Waghmare, Y.R., Effective interaction and isospin splitting 38B (1972) 13
Waghmare, Y.R., see R.W. Hasse 41B (1972) 264
Waghmare, Y.R., see R. Singh 45B (1973) 199
Wagner, A., see K.H. Althoff 37B (1971) 531, 535; 43B (1973) 237
Wagner, A., see M.A. Faessler 46B (1973) 468
Wagner, F., see W. Henning 22B (1966) 446
Wagner, F., see C.P. Bhalla 23B (1966) 116
Wagner, F., see H. Schaller 24B (1967) 397
Wagner, F., J. Klöckner, H.J. Körner, H. Schaller, P. Kienle, Isomer shift and quadrupole splitting in ^{191}Ir and ^{193}Ir 25B (1967) 253
Wagner, F., G. Kaindl, H. Bohn, U. Biebl, H. Schaller, P. Kienle, Lifetime and magnetic moment of the 36.2 keV level of ^{189}Os 28B (1969) 548
Wagner, F., see R.G. Roberts 29B (1969) 368
Wagner, F., see S. Andersson 30B (1969) 56
Wagner, F., see W. Ochs 44B (1973) 271
Wagner, F.E., see H. Bohn 32B (1970) 346
Wagner, G., see B. Duelli 23B (1966) 485
Wagner, G.J., Proton hole states of odd parity in 2s-1d shell nuclei 26B (1968) 429
Wagner, G.J., see G.Th. Kaschl 29B (1969) 167
Wagner, G.J., see G. Mairle 50B (1974) 252
Wagner, H., A. Hofmann, F. Vogler, Determination and DWBA analyses of transition matrix elements in the reaction ^{26}Mg$(\alpha, \alpha'\gamma)^{26}$Mg 47B (1973) 497
Wahl, H., see J. Bartsch 22B (1966) 357
Wahl, H., see M. Aderholz 24B (1967) 434
Wahl, H., see C. Geweniger 28B (1969) 155; 29B (1969) 41; 48B (1974) 483, 487
Wahl, H., see H. Burfeindt 33B (1970) 509
Wahl, H., see J.V. Beaupré 37B (1971) 432; 41B (1972) 393
Wahl, H., see S. Gjesdal 40B (1972) 152; 44B (1973) 217
Wahl, W., see J. Bartsch 33B (1970) 186
Wahlborn, S., see G. Ehrling 34B (1971) 389

Wahlborn, S., R.K. Gupta, Phenomenological descriptions of nuclear rotational spectra in the spin region $I < 30$ 40B (1972) 27
Wahlen, H., see G. Von Holtey 40B (1972) 589
Wahlig, M., see E. Shibata 22B (1966) 354
Wahlig, M.A., see J.E. Nelson 47B (1973) 281
Wahsweiler, H.G., M. Danos, W. Greiner, The giant resonance of ^{16}O in the eigenchannel reaction theory 23B (1966) 257
Wahsweiler, H.G., see A. Piazza 25B (1967) 579
Wahsweiler, H.G., see P. Antony-Spies 26B (1968) 268
Wahsweiler, H.G., see P.P. Delsanto 28B (1969) 246, 557; 44B (1973) 433
Wait, G.D., S.K. Kundu, Y.M. Shin, W.F. Stubbins, Study of the photodisintegration of ^4He 33B (1970) 163
Wakefield, B., I.M. Naqib, R.P. Harper, I. Hall, A. Christy, Interference between nuclear and Coulomb excitation of ^{114}Cd by alpha particles 31B (1970) 56
Wakefield, B., see M.J. Throop 41B (1972) 585
Wala, K., see A.A. Derevchekov 48B (1974) 367
Walcher, Th., Excitation of ^4He by inelastic electron scattering at low momentum transfer 31B (1970) 442
Walcher, Th., see R. Pitthan 36B (1971) 563
Walcher, Th., see F.R. Buskirk 42B (1972) 194
Waldren, D., see H. Braun 47B (1973) 182, 185
Waldron, O.C., see M.J. Esten 24B (1967) 115
Waldron, O.C., see K.D. Billing 25B (1967) 435
Walecka, J.D., see B.R. Barrett 22B (1966) 450
Walecka, J.D., see G. Patsakos 23B (1966) 141
Walecka, J.D., see P.L. Pritchett 27B (1968) 168
Walecka, J.D., see G.C. Li 32B (1970) 317
Walecka, J.D., see T.W. Donnelly 32B (1970) 545; 41B (1972) 275; 44B (1973) 330; 49B (1974) 8
Walen, R., see C. Briançon 34B (1971) 599
Walenta, A.H., see M.A. Faessler 46B (1973) 468
Wali, K.C., see M.L. Blackmon 35B (1971) 44
Walker, C.E., see G.S. Li 32B (1970) 317
Walker, G.E., see T.W. Donnelly Jr. 32B (1970) 545
Walker, J.C., see J.R. Oleson 25B (1967) 258
Walker, J.C., see R.M. Wheeler 31B (1970) 206
Walker, J.F., see D.A. Sparrow 48B (1974) 186
Walker, J.K., see T.M. Knasel 27B (1968) 103
Walker, J.K., see C. Bricman 29B (1969) 451
Walker, J.K., see H. Cheng 44B (1973) 97, 283
Walker, R., see M.M. Block 26B (1968) 464
Walker, R., see R. Singer 49B (1974) 481
Walker, R.N.F., see E.H. Bellamy 39B (1972) 299
Walker, R.N.F., see N.H. Lipman 43B (1973) 89
Walker, T.G., see E.H. Bellamy 39B (1972) 299
Walker, T.G., see N.H. Lipman 43B (1973) 89
Walker, T.G., see M.R. Jane 48B (1974) 260, 265
Walker, W.D., see A.T. Goshaw 22B (1966) 347
Walker, W.D., see T.S. Yoon 24B (1967) 307
Walker, W.D., see B.Y. Oh 28B (1969) 564

Walker, W.D., see J. Lynch 35B (1971) 457
Walker, W.D., see J.R. Bensinger 33B (1970) 505; 36B (1971) 134
Walker, W.D., see M.E. Binkley 45B (1973) 295
Walkiewicz, T.A., see S. Raman 40B (1972) 89; 44B (1973) 255
Wall, N.S., see C.R. Gruhn 24B (1967) 266
Wallraff, W., see K.H. Althoff 26B (1968) 640
Walsh, T.F., Inelastic electron-photon scattering 36B (1971) 121
Walsh, T.F., see B. Schrempp-Otto 36B (1971) 463
Walsh, T.F., P. Zerwas, Two-photon processes in the parton model 44B (1973) 195
Walstrom, P., see C. Berger 39B (1972) 659
Walter, H.K., see R. Baader 27B (1968) 425, 428
Walter, H.K., see R. Link 37B (1971) 50; 42B (1972) 57
Walter, H.K., H. Backe, R. Engfer, E. Kankeleit, C. Petitjean, H. Schneuwly, W.U. Schöder, Muonic isomer shifts in ^{153}Eu. A re-evaluation of Mössbauer isomer shifts in rare earths 38B (1972) 64
Walter, H.K., J.H. Vuilleumier, H. Backe, F. Boehm, R. Engfer, A.H. Von Gunten, R. Link, R. Michaelsen, C. Petitjean, L. Schellenberg, H. Schneuwly, W.U. Schröder, A. Zehnder, Test of quantum electrodynamical corrections in muonic atoms 40B (1972) 197
Walter, M., see M. Aderholz 27B (1968) 174
Walter, M., see J. Bartsch 27B (1968) 336
Walter, M., see J.V. Beaupré 34B (1971) 160
Walter, R.K., J.C. Hopkins, E.C. Kerr, J.T. Martin, A. Niiler, J.D. Seagrave, R.H. Sherman, D.R. Dixon, Polarization of 22 MeV neutrons elastically scattered from liquid tritium 30B (1969) 626
Walter, R.L., see W.S. McEver 31B (1970) 560
Walter, R.L., see N. Marquardt 35B (1971) 37
Walters, J., see W.G. Jones 23B (1966) 597
Walters, J., see D.M. Binnie 27B (1968) 106
Walters, J., see M.G. Albrow 29B (1969) 54; 33B (1970) 516
Walther, H., see P. Heinecke 31B (1970) 295
Walther, V., see W. Bartel 25B (1967) 242; 27B (1968) 660; 28B (1969) 148; 30B (1969) 285
Waltz, R.E., Mass dependence of the diffraction peak in resonance production and the multipoint Veneziano model 30B (1969) 490
Waly, M.I., see M.A. Sharaf 40B (1972) 67
Wambach, U.M., M. Gari, H. Kümmel, Circular polarization of γ rays in ^{18}F. A test for weak interaction theories 33B (1970) 253
Wand, Y., see R. Moreh 30B (1969) 536
Wanders, G., see G. Auberson 28B (1969) 41
Wanders, G., see O. Piguet 30B (1969) 418
Wanders, G., Constraints on the zeros and the asymptotic behavior of a Veneziano amplitude 34B (1971) 325
Wang, C.L., see S. Prünster 28B (1969) 47
Wang, C.L., see L.C.L. Yuan 31B (1970) 603
Wang, C.L., see J. Fischer 49B (1974) 393
Wang, C.P., On κ^-N interactions at 60 GeV/c and NN annihilation 30B (1969) 115
Wang, C.P., Pion production in hyperon and $K^0\bar{K}^0$ channels in π^-p interactions and multipion photoproduction 32B (1970) 125
Wang, C.P., A.L. Lin, Deep inelastic eN scattering and the structure of the nucleon 35B (1971) 424
Wang, I.T., see L.G. Hyman 25B (1967) 376
Wang, I.-T., see J.G. Fetkovich 35B (1971) 178

Wang, J.M., L.L. Wang, Contributions from daughter trajectories in unequal mass scattering 30B (1969) 198
Wang, J.-M., see K.S. Cheng 44B (1973) 88
Wang, L., see R.C. Smith 32B (1970) 133
Wang, L.L., see J.M. Wang 30B (1969) 198
Wang, L.L., see C. Quigg 43B (1973) 314
Wang, W.L., C.M. Shakin, Single-particle resonances in the unified theory of nuclear reactions 32B (1970) 421
Wangler, T., see Y. Cho 32B (1970) 409
Wannberg, B., see C. Ekström 39B (1972) 199
Warburton, E.K., see G.A.P. Engelbertink 33B (1970) 353
Warburton, E.K., see G.T. Garvey 35B (1971) 563
Warburton, E.K., D.E. Alburger, A near-vanishing $0^+ \rightarrow 0^+$ E0 matrix element in ^{58}Ni 36B (1971) 38
Ward, C.E.W., see S.P. Ying 30B (1969) 289
Ward, C.E.W., I. Ambats, A. Lesnik, W.T. Meyer, D.R. Rust, D.D. Yovanovitch, A measurement of polarization in $\pi^- p \rightarrow K^0 \Lambda^0$ at 5 GeV/c 48B (1974) 471
Ward, D., see M.J. Emmot 22B (1966) 719
Ward, D., J.S. Geiger, R.L. Graham, Coulomb excitation of ^{127}I 29B (1969) 487
Ward, D., see G.C. Ball 37B (1971) 366
Ward, D., R.L. Graham, J.S. Geiger, H.R. Andrews, Anomalous moments of inertia for high-spin levels in the beta vibrational band of ^{154}Gd 44B (1973) 39
Ward, D., see O. Häusser 45B (1973) 247
Ward, D.L., see A.T. Lea 29B (1969) 584
Ward, D.L., see M.A.R. Kemp 31B (1970) 613
Ward, D.L., see B.J. Charles 40B (1972) 289
Warke, C.S., see N. Ullah 26B (1968) 556
Warke, C.S., see E. Osnes 30B (1969) 306; 34B (1971) 113
Warming, E., F. Stecher-Rasmussen, W. Ratynski, J. Kopecký, Parity non-conserving internucleon potentials studied in the ^{113}Cd(n,γ)^{114}Cd reaction 25B (1967) 200
Warming, E., Parity non-conservation in the capture of polarized thermal neutrons 29B (1969) 564
Warner, R.A., see R.W. Goles 44B (1973) 59
Warner, R.E., J.S. Vincent, E.T. Boschitz, A search for unbound $T = \frac{1}{2}$ levels in ^{3}He 24B (1967) 91
Warner, R.E., R.W. Bercaw, The mechanism of the $\alpha + d \rightarrow \alpha + p + n$ reaction 24B (1967) 517
Warner, R.E., see O. Häusser 38B (1972) 75
Warner, R.E., see W.L. Randolph 44B (1973) 36
Waroquier, M., see K. Heyde 29B (1969) 147, 583; 35B (1971) 211; 43B (1973) 1
Waroquier, M., see G. Vanden Berghe 38B (1972) 467
Waroquier, M., V. Van den Berhe, The $J^\pi = \frac{11}{2}_{(1)}$ isomeric state in the odd-proton $N = 82$ nuclei 41B (1972) 267
Warren, J., see J. Bailey 50B (1974) 403
Warszawski, J., see N. Auerbach 45B (1973) 171
Wasson, O.A., see R.E. Chrien 25B (1967) 195
Watase, Y., see H. Hiramatsu 44B (1973) 50
Waters, J.W., see R.R. Price 33B (1970) 533
Watkins, D.C., see J.N. Carney 42B (1972) 124
Watson, A.S., see H.C. Kirkman 32B (1970) 519
Watson, B.A., see J.J. Schwartz 29B (1969) 567; 31B (1970) 198
Watson, B.A., see G. Goldring 32B (1970) 465
Watson, C.E., see W.N. Shelton 22B (1966) 648
Watson. C.E., see T. Tamura 25B (1967) 186

Watson, C.E., see K.P. Lieb 32B (1970) 273
Watson, D.D., Spin and partiy of the 3.16 MeV and 7.54 MeV levels in ^{35}Cl 22B (1966) 183
Watson, D.D., F.D. Lee. 1f and 2p states in odd-A nuclei from ^{33}S to ^{41}Ca 25B (1967) 472
Watson, D.L., see J. Lowe 23B (1966) 261
Watson, K.M., see Y. Hahn 45B (1973) 304
Watson, L.H., see J.B.A. England 30B (1969) 476
Watson, L.H., see A.S. Clough 43B (1973) 476
Watson, P.J.S., Backward scattering in the quark model 25B (1967) 287
Watson, R.B., see J.L. Black 30B (1969) 100
Watt, A., Final state interactions in (e, e′p) experiments 27B (1968) 190
Watt, A., see R.R. Whitehead 35B (1971) 189; 41B (1972) 7
Watt, A., Angular momentum projection from non-axial intrinsic states in ^{28}Si 35B (1971) 490
Watt, A., see J.M. Irvine 44B (1973) 16
Watt, A., see B.J. Cole 49B (1974) 133
Watt, S., see B.J. Cole 45B (1973) 429
Watts, T.L., see A. Dar 30B (1969) 264
Wayne Greene, M., L.L. Green, G.D. Jones, Core excitation in ^{30}P 32B (1970) 680
Wayne Greene, M., J.A. Kuehner, A.A. Pilt, The $J^{\pi} = 5^{-}$ level in ^{34}S at 5.689 MeV 35B (1971) 560
Wayne Torigoe, E., see W.A. Bardeen 38B (1972) 135
Weaver, D.L., Single pion photoproduction near threshold 26B (1968) 451
Weaver, L., L.C. Biedenharn, Nuclear rotational bands and SL(3, R) symmetry 32B (1970) 326
Webb, D.V., see C.K. Malcolm 47B (1973) 433
Webber, B.R., New tests of multiparticle production models 42B (1972) 69
Webber, B.R., Limits on impact parameters on inelastic processes 49B (1974) 474
Weber, G., see W. Bartel 25B (1967) 236, 242; 27B (1968) 660; 28B (1969) 148; 30B (1969) 285
33B (1970) 245; 35B (1971) 181; 39B (1972) 407
Weber, G., see P. Brauel 45B (1973) 389; 50B (1974) 507
Weber, H., see M. Deutschmann 22B (1966) 112
Weber, H., see F. Crijns 22B (1966) 533
Weber, H., see J. Bartsch 25B (1967) 48
Weber, H., see H.G. Hilpert 27B (1968) 474
Weber, H.J., see J.M. Eisenberg 34B (1971) 107; 43B (1973) 20; 45B (1973) 93, 110
Weber, H.J., see J.V. Noble 50B (1974) 233
Weber, J., see H.J. Specht 41B (1972) 43
Weber, J., see E. Konecny 45B (1973) 329
Weber, J.H., see H. Meyer 33B (1970) 189
Weber, T., see A. Boiti 33B (1970) 553
Websdale, D., see P. Astbury 22B (1966) 537; 23B (1966) 160, 396
Websdale, D., see W. Beusch 25B (1967) 357; 28B (1969) 211; 46B (1973) 477
Websdale, D., see M. Pepin 26B (1968) 35
Websdale, D., see P. Le Du 44B (1973) 390
Webster, M.S., see R.R. Price 33B (1970) 533
Wechsung, R., see R. Bass 32B (1970) 602
Weddigen, Ch., see E. Seibt 27B (1968) 567; 35B (1971) 509
Weddigen, Ch., see W. Fetscher 34B (1971) 171; 35B (1971) 31
Weerts, H., see F.J. Hasert 46B (1973) 121, 138
Weerts, H., see T. Eichten 46B (1973) 281
Wegener, D., see J. Bleckwenn 38B (1972) 265

Wegener, K., see Chr. Geweniger 28B (1969) 155; 29B (1969) 41
Wegener, K., see G. Buschhorn 33B (1970) 241; 37B (1971) 207, 211
Wegener, K., see H. Burfeindt 33B (1970) 509
Wegmann, G., M. Weigel, Ground state properties of nuclear matter in the Λ_{11}-approximation 26B (1968) 245
Wegmann, G., Normalization of single particle wave functions in atomic nuclei 29B (1969) 218
Wegmann, G., Static viscosity of nuclear matter 50B (1974) 327
Wegmann, H., W. Kutschera, H. Morinaga, Multi-nucleon transfer near the Coulomb barrier induced by ^{32}S and ^{34}S 49B (1974) 437
Wehman, U., see E. Bodenstedt 29B (1969) 165
Wei, T., see W.S. Gray 26B (1968) 383
Weidemüller, H.A., see J.W. Tepel 49B (1974) 1
Weidemüller, H.A., see J. Hüfner 49B (1974) 409
Weidenmüller, H.A., see C. Mahaux 23B (1966) 100
Weidenmüller, H.A., Resonances and eigenphases of the *S*-matrix 24B (1967) 441
Weidenmüller, H.A., see A. Richter 38B (1972) 349
Weidenmüller, H.A., Hauser–Feshbach theory in the presence of direct reactions 42B (1972) 304
Weidenmüller, H.A., see H.M. Hofmann 45B (1973) 421
Weidinger, A., see P. Colombani 48B (1974) 315
Weigel, M., see G. Wegmann 26B (1968) 245
Weigele, K., see E. Seibt 27B (1968) 567
Weigmann, H., G. Rohr, J. Winter, A study of coupling conditions in sub-threshold fission of ^{237}Np by means of gamma-ray spectra 30B (1969) 624
Weiguny, A., see D.M. Brink 26B (1968) 497; 33B (1970) 143
Weiguny, A., see H. Friedrich 35B (1971) 105; 36B (1971) 189; 38B (1972) 199
Weiguny, A., see Y. Abgrall 43B (1973) 165
Weihrauch, J., see H.-D. Betz 22B (1966) 643
Weil, C., Pion-$\Lambda\Sigma$ coupling from forward scattering dispersion relations? 29B (1969) 501
Weil, J.L., see B.W. Allardyce 41B (1972) 577
Weiler, P., see V. Barger 30B (1969) 105; 31B (1970) 681
Weilhammer, P., see B.D. Hyams 24B (1967) 634; 29B (1969) 128, 521
Weilhammer, P., see G. Grayer 34B (1971) 333; 35B (1971) 610; 39B (1972) 563
Weinberg, A., see A.T. Goshaw 22B (1966) 347
Weinberg, A., see R.R. Price 33B (1970) 533
Weinberg, R.B., see D.L. Allan 21B (1966) 197
Weinberg, S., Exponentiation and sum rules 37B (1971) 494
Weiner, R., see A. Mann 40B (1972) 383
Weiner, R., see S. Eliezer 50B (1974) 463
Weingarten, D., see Krzywicki 50B (1974) 265
Weinstein, R., see G. Greenhut 33B (1970) 363
Weinzierl, P., see F. Dydak 37B (1971) 375
Weis, J.H., Rules for multi-Regge amplitudes and their discontinuities 43B (1973) 487
Weis, J.H., see R.C. Brower 41B (1972) 631; 46B (1973) 105
Weis, J.H., see M.A. González 49B (1974) 351
Weisbach, P.J., C.G. Howard, T.R. Palfrey Jr., R.J. Shani, Σ^-K^+ enhancement in the reaction $\pi^-p \to \Sigma^-K^+\pi^0$ 25B (1967) 302
Weisberg, H., see P.R. Robrish 31B (1970) 617
Weisberger, W.I., see D. Branson 25B (1967) 141
Weise, W., Angular distributions of high energy photoprotons from $^6Li(\gamma, p)$ 38B (1972) 301

Weise, W., Note on hadronic shadowing effects in high energy photon-nucleus interactions 45B (1973) 219
Weise, W., G.E. Brown, Correlation effects in pion condensates 48B (1974) 297
Weiss, J., see M. Schumacher 31B (1970) 61
Weiss, J.M., see B. Alper 44B (1973) 521, 527; 46B (1973) 265; 47B (1973) 75, 275
Weiss, W., see K.D. Hildenbrand 42B (1972) 425
Weiss, W., see C.K. Gelbke 43B (1973) 284
Weissenberg, A.O., O.K. Egorov, Z.V. Minervina, E.A. Pozharova, S.V. Skachkov, V.A. Smirnitsky, M.I. Dayon, V.A. Euschenko, S.A. Krilov, Estimate of the probability of $K^+ \to \mu^+ \nu_\mu \gamma$ 48B (1974) 474
Weisser, F., see J.C. Anderson 45B (1973) 165, 521
Weisser, F., see S. Dado 50B (1974) 275
Weisskopf, V.F., see A. Dar 26B (1968) 670; 30B (1969) 264
Weisz, P.H., see J. Ellis 34B (1971) 91
Weisz, P.H., see H. Kleinert 34B (1971) 312
Weitkamp, W.G., see P. Richard 26B (1968) 8
Weitsch, A., see H. Benz 28B (1969) 233
Weitsch, A., see R. Baud 30B (1969) 129; 31B (1970) 397, 401, 549
Weitsch, A., see Y.M. Antipov 40B (1972) 147
Weller, A., see U. Kneissl 49B (1974) 440
Weller, F., see K. Dietrich 35B (1971) 201
Weller, H.R., N.R. Robinson, D.R. Tilley, The 27.6 MeV state in ^{16}O 25B (1967) 541
Weller, H.R., H.A. Van Rinsvelt, F.E. Dunnam, Observation of $T = 0$ and $T = 1$ alpha-particle states in ^{16}O between $E_x = 26$ and 29 MeV 27B (1968) 283
Weller, H.R., Observation of alpha-particle core excited threshold states in ^{15}O 30B (1969) 409
Weller, H.R., see J.J. Ramirez 32B (1970) 361
Weller, H.R., see R.M. Keyser 34B (1971) 602
Wells, D.O., see K.H. Bray 35B (1971) 41
Wells Jr., J.C., R.L. Williams Jr., L. Pfeiffer, L. Madansky, On the magnetic moment of the isotope ^{12}B 27B (1968) 448
Welsh, R.E., see R.A. Carrigan Jr. 25B (1967) 193
Welsh, R.E., see G.H. Miller 27B (1968) 663; 41B (1972) 50
Welsh, R.E., see D.A. Jenkins 32B (1970) 267
Welsh, R.E., see F.R. Kane 45B (1973) 292
Weltle, D., see W. Kreische 29B (1969) 170; 30B (1969) 614
Welton, T.A., see C.Y. Wong 49B (1974) 243
Weng, W.T., T.T.S. Kuo, G.E. Brown, Electric-dipole sum rule and two-body correlations in nuclei 46B (1973) 329
Wenneis, S., see C.K. Gelbke 43B (1973) 284
Wenninger, H., see H.G. Hilpert 27B (1968) 474
Wenzel, W.A., see A.R. Clark 41B (1972) 229
Werbrouck, A.E., see D. Haidt 29B (1969) 691
Werner, B., see Y. Cho 32B (1970) 409
Werner, B., see S.L. Stone 32B (1970) 515
Werner, E., see W. Theis 44B (1973) 481
Werner, H., see L. Criegee 28B (1969) 282
Werner, H., see G. Buschhorn 33B (1970) 241; 37B (1971) 207, 211
Werntz, C., see R. Raphael 24B (1967) 15; 25B (1967) 219
Wesolowski, J.J., see P.G. Roos 24B (1967) 656

Wesolowski, J.J., W.J.R. Jewell, F. Guy, A search for element 110 in platinum ore via neutron-induced fission 28B (1969) 544
Wesolowski, J.J., W. John, R. Jewell, F. Guy, Erratum 29B (1969) 227
Wesolowski, J.J., see W. John 30B (1969) 340
Wess, J., B. Zumino, Consequences of anomalous Ward identities 37B (1971) 95
Wess, J., B. Zumino, A Langrangian model invariant under supergauge transformations 49B (1974) 52
Wessel, H., see G. Von Gehlen 42B (1972) 365
Wessels, B., see H.J. Mück 39B (1972) 303
Wessels, G., see K.H. Althoff 26B (1968) 640
Wessels, G., see W. Braunschweig 33B (1970) 236
West, C.H., see P. Astbury 22B (1966) 537; 23B (1966) 160, 396
West, C.H., see W. Beusch 25B (1967) 357; 28B (1969) 211
West, E.C., see J. Lynch 35B (1971) 457
West, G.B., Total neutron cross sections may not be what they seem to be 37B (1971) 509
West, G.B., Scaling in deep inelastic pion electroproduction 46B (1973) 111
West, L.A., see M.L. Roush 23B (1966) 355
West, N., see M. Aguilar-Benitez 29B (1969) 62
West, N., see J. Dudoc 34B (1971) 342
Westerberg, L., see R. Vukanović 29B (1969) 576
Westgaard, L., see H.L. Ravn 39B (1972) 337
Westhaus, P., J.W. Clark, Λ binding to nuclear matter 23B (1966) 109
Westwood, B.A., see D.C. Brunt 26B (1968) 317
Wetherell, A.M., see J.V. Allaby 23B (1966) 389; 25B (1967) 156; 27B (1968) 49; 28B (1969) 67, 229 29B (1969) 198; 30B (1969) 549; 33B (1970) 429; 34B (1971) 431
Wetherell, A.M., see Yu.B. Bushnin 29B (1969) 48
Wetherell, A.M., see U. Amaldi 34B (1971) 435; 36B (1971) 504; 43B (1973) 231; 44B (1973) 112
Weyers, J., see P. De Baenst 21B (1966) 100
Weyers, J., see P.R. Auvil 31B (1970) 303
Weyers, J., see J. Mandula 37B (1971) 109
Weyers, J., see A.J.G. Hey 44B (1973) 263; 48B (1974) 69
Weyers, J., Possible representations of local current algebra 50B (1974) 349
Wharton, W., see P. Richard 26B (1968) 8
Wharton, W., see P. von Brentano 26B (1968) 666; 27B (1968) 163
Wharton, W.R., R.A. Hinrichs, G.W. Phillips, J.G. Cramer, Proton-channel analog resonances and weak coupling in the ^{206}Tl (d, p)^{206}Tl reaction 30B (1969) 33
Whatley, M.C., see R.C. Smith 32B (1970) 133
Wheeler, G.F., see E. Abramson 38B (1972) 70
Wheeler, R.M., U. Atzmony, K.A. Hardy, J.C. Walker, Isomer shift in the 82 keV transition of ^{154}Sm 31B (1970) 206
Wheeler, R.M., see P. Sioshansi 39B (1972) 343
Whetstone, S.L., see D. Drake 32B (1970) 349
White, A.R., The fixed-angle limit in inclusive experiments 35B (1971) 175
White, A.R., see P. Goddard 38B (1972) 93
White, A.R., see I.O. Moen 42B (1972) 75
White, A.R., see J.L. Cardy 47B (1973) 445
White, D.H., see R. Cester 21B (1966) 343
White, D.H., see J. Orear 28B (1969) 61
White, D.H., see J.P. Boright 33B (1970) 615

White, J.N.J., Absorptive corrections and πN charge exchange polarizations 27B (1968) 92
White, R.E., see W. Grüebler 36B (1971) 337
White, T.A., see T.G. Dzubay 33B (1970) 302
White, T.O., see S. Berezin 30B (1969) 27
White, W.J.K., see G. Murray 28B (1969) 35
Whitehead, C., see O.N. Jarvis 36B (1971) 409
Whitehead, R.R., A. Watt, Exact shell-model and projected Hartree-Fock calculations for ^{24}Mg 35B (1971) 189
Whitehead, R.R., A. Watt, Shell-model and projected Hartree-Fock calculations for ^{24}Mg, ^{28}Si and ^{32}S 41B (1972) 7
Whitehead, R.R., see J.M. Irvine 44B (1973) 16
Whitehead, R.R., see B.J. Cole 45B (1973) 429; 49B (1974) 133
Whiten, M.L., see C.B. Fulmer 24B (1967) 505
Whiten, M.L., see A. Scott 25B (1967) 463
Whitmore, J., see T. Fields 40B (1972) 503
Whitmore, J., see F.T. Dado 45B (1973) 513; 46B (1973) 252
Whitmore, J., see D. Swanson 48B (1974) 479
Whitmore, J., see R. Singer 49B (1974) 481
Whitmore, J., M. Derrick, Multiplicity distributions in the reaction p + p → p + anything 50B (1974) 280
Whittaker, J.B., see J. Bartsch 33B (1970) 186
Whittaker, J.B., see J.V. Beaupré 34B (1971) 160
Whittaker, J.B., see K. Boesebeck 34B (1971) 659
Whitten Jr., C.A., see T.J. Woods 34B (1971) 594; 39B (1972) 193
Whitten Jr., C.A., see G.W. Hoffmann 40B (1972) 453
Wick, G.C., B. Zumino, Electromagnetic mass differences 25B (1967) 479
Wick, G.C., Equivalence of sum rules for $K_L \leftrightarrow K_S$ decay 30B (1969) 126
Wick, G.L., see J.M. Freeman 29B (1969) 296; 30B (1969) 240
Wick, K., see H. Brückmann 30B (1969) 460
Widder, F., see P. Urban 22B (1966) 526
Widgoff, M., see C. Defoix 28B (1969) 353
Wiebicke, H., see H. Schulz 21B (1966) 190
Wiebicke, H.J., see H. Schulz 29B (1969) 18
Wiebicke, L., Münchow, A weak coupling model for high-spin states 50B (1974) 429
Wiechers, G., see W.E. Frahn 26B (1968) 5
Wieckowicz, R.P., B.G. Reynolds, J.R. Albright, R.H. Bradley, B.C. Harms, W.C. Harrison, J.E. Lannutti, W.H. Sims, Study of resonant structure in the $\pi^-\eta$ system from the reaction $\pi^- p \to \pi^- p\eta$ at 2.26 GeV/c 28B (1969) 199
Wieczorek, H., see Aachen ... collaboration 49B (1974) 388
Wiedling, T., see B. Holmqvist 26B (1968) 620; 27B (1968) 411
Wiedner, C.A., see H.L. Harney 26B (1968) 204
Wiedner, C.-A., see A. Von der Decken 41B (1972) 477
Wieman, H., see P. Richard 26B (1968) 8
Wieman, H., see P. von Brentano 26B (1968) 666; 27B (1968) 163
Wien, K., Gamma energies of ^{66}Ga decay 23B (1966) 353
Wien, K., see R. Baader 27B (1968) 425, 428
Wien, K., see D.F. Torgenson 40B (1972) 203
Wienhard, K., see G. Graw 28B (1969) 583; 30B (1969) 465
Wienhard, K., see H. Wolf 50B (1974) 244

Wiesner, S.J., see T.W. Donnelly 49B (1974) 8
Wiggins, J.W., see J.R. Oleson 25B (1967) 258
Wightman, A.S., see J.J. Loeffel 30B (1969) 656
Wiik, B.H., see G. Vogel 40B (1972) 513
Wiik, B.H., see H. Burfeindt 43B (1973) 345
Wikström, K., see I. Bergström 32B (1970) 476
Wiktor, S., Intermediate coupling approach in the unified model of the ^{39}K nucleus 40B (1972) 181
Wilcke, W., see H.J. Wollersheim 48B (1974) 323
Wilczek, F., see W.E. Caswell 49B (1974) 291
Wilczyński, J., see A.G. Artukh 31B (1970) 129; 32B (1970) 43; 33B (1970) 407
Wild, W., see H.J. Mang 32B (1970) 321
Wildenthal, B.H., see P.W.M. Glaudemans 21B (1966) 427
Wildenthal, B.H., J.B. McGrory, E.C. Halbert, P.W.M. Glaudemans, Shell-model calculation for nuclei of masses 30 through 33 27B (1968) 611
Wildenthal, B.H., E. Newman, R.L. Auble, Levels in ^{137}Cs, ^{139}La, ^{143}Pm and ^{145}Eu observed with proton transfer reactions 27B (1968) 628
Wildenthal, B.H., E. Newman, Study of a possible 3^+ level in ^{30}Si 28B (1969) 108
Wildenthal, B.H., see J.B. McGrory 28B (1969) 237; 34B (1971) 373
Wildenthal, B.H., Structure of ^{141}Pr 29B (1969) 274
Wildenthal, B.H., E.C. Halbert, J.B. McGrory, T.T.S. Kuo, Shell-model structure of ^{35}Cl–^{35}Ar 32B (1970) 339
Wildenthal, B.H., D. Larson, The structure of the lighter $N = 82$ nuclei 37B (1971) 266
Wildenthal, B.H., see G.R. Hammerstein 39B (1972) 176
Wildenthal, B.H., see S. Maripuu 39B (1972) 464; 43B (1973) 368
Wildenthal, B.H., see D.J. Crozier 41B (1972) 291
Wildenthal, B.H., see D. Larson 41B (1972) 145; 42B (1972) 153
Wildenthal, B.H., see K.K. Seth 49B (1974) 157
Wildermuth, K., see E. Hohloch 24B (1967) 121
Wildermuth, K., see H.C. Benoehr 26B (1968) 68
Wildermuth, K., see W. Sünkel 26B (1968) 655; 41B (1972) 439
Wildermuth, K., see H. Jacobs 29B (1969) 455
Wildermuth, K., see H. Federsel 33B (1970) 140
Wilenzick, R.M., K.A. Hardy, J.A. Hicks, W.R. Owens, Mössbauer effect in ^{167}Er following Coulomb excitation 30B (1969) 167
Wilhjelm, P., see C. Gaarde 22B (1966) 466
Wilhjelm, P., see J.C. Browne 28B (1969) 26
Wilkin, C., see E. Abers 21B (1966) 339
Wilkin, C., Modified meson-nucleus optical potentials 45B (1973) 203
Wilkins, B.D., E.P. Steinberg, Semi-empirical interpretation of nuclear fission based on deformed-shell effects 42B (1972) 141
Wilkinson, D.H., W.D. Hay, Coulomb energy differences in the 1p-shell 21B (1966) 80
Wilkinson, D.H., see K.W. Allen 26B (1968) 138
Wilkinson, D.H., Second class currents in nuclear beta-decay? 31B (1970) 447
Wilkinson, D.H., see D.E. Alburger 32B (1970) 190
Wilkinson, D.H., Limits to second-class currents 48B (1974) 169
Wilkinson, D.H., The Nolen-Schiffer anomaly and the conserved vector current 48B (1974) 407
Wilkinson, R.G., see K.W. Kemper 27B (1968) 376
Willard, H.B., see A. Kosiara 32B (1970) 99

Wille, U., see W. Fritsch 45B (1973) 103
Willemsen, J.F., New form factors in the dual resonance model 41B (1972) 304
Willemsen, J.F., see C.E. Carlson 49B (1974) 377
Willetts, T.R., see M. Metcalf 40B (1972) 703
Williams, D.C., J.D. Knight, W.T. Leland, The (t, p) and (t, α) reactions on ^{48}Ca and ^{50}Ti 22B (1966) 162
Williams, D.T., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Williams, E.G.H., see P.S.L. Booth 26B (1968) 39; 32B (1970) 723
Williams, E.G.H., see M. Breidenbach 39B (1972) 654
Williams Jr., F.C., Intermediate state transition rates in the Griffin model 31B (1970) 184
Williams, H.H., see P. Baillon 35B (1971) 453; 38B (1972) 555
Williams, H.H., see B.N. Ratcliff 38B (1972) 345
Williams, H.T., see H. Arenhövel 31B (1970) 109
Williams, H.T., H. Arenhövel, H.G. Miller, Effect of baryon resonance admixtures on elastic electron deuteron scattering 36B (1971) 278
Williams, I.R., see J.K. Dickens 21B (1966) 657
Williams, I.R., C.B. Fulmer, G.F. Dell, M.J. Engebretson, Fission product yields from 1.5 and 3.0 GeV electrons on uranium 26B (1968) 140
Williams, M.E., see F.T. Baker 40B (1972) 355
Williams, N., see J.A. Nolen Jr. 27B (1968) 1
Williams, N., see J.P. Schiffer 29B (1969) 399
Williams, R.A., see A.A. Caretto, Jr. 44B (1973) 459
Williams, Jr., R.L., see J.C. Wells Jr. 27B (1968) 448
Williams, R.W., see J. Bailey 28B (1969) 287
Williams, R.W., Chemical shifts of the $\mu^{+''}$ – A comment 34B (1971) 63
Williams, S.H., see L. Kaufman 25B (1967) 536
Williams, S.H., see P. Baillon 35B (1971) 453; 38B (1972) 555
Williams, S.H., see B.N. Ratcliff 38B (1972) 345
Williams, W., see B. Ram 31B (1970) 49
Williams, W.S.C., see D.R. Botterill 31B (1970) 325
Williams, W.S.C., see H. Aoi 35B (1971) 90
Willis, N., see I. Brissaud 48B (1974) 319
Willis, N., see Y. Le Bornec 49B (1974) 434
Willis, N., see L. Bimbot 49B (1974) 443
Willis, W., see D. Berley 30B (1969) 430
Willis, W.J., see J. Fischer 49B (1974) 393
Willitts, T.R., see M. Bott-Bodenhausen 23B (1966) 277; 24B (1967) 194, 438
Willitts, T.R., see G. Neuhofer 39B (1972) 271; 41B (1972) 642
Willitss, T.R., see F. Niebergall 49B (1974) 103
Willmann, R.B., see D.H. Miller 28B (1969) 51
Willmott, J.C., see G. Murray 28B (1969) 35
Willot, B., see Barcelona ... collaboration 48B (1974) 467
Wilquet, G., see W. Gajewski 21B (1966) 673; 23B (1966) 152
Wilquet, G., see C. Mayeur 33B (1970) 441
Wilquet, G., see P. Beillière 39B (1972) 671
Wilquet, G., V.B. Fliagine, J.G. Guy, W.L. Knight, S.N. Tovey, R.M. Dowd, M. Govan, A.J. Sanders, J. Schneps, G. Wolsky, T. Azemoon, J. Bartley, D.J. Miller, F.R. Stannard, The masses of the Ξ hyperons 42B (1972) 372
Wilsch, H., see G. Clausnitzer 25B (1967) 466

Wilsky, K., see P.G. Kansen 24B (1967) 95
Wilsky, K., see P.G. Hansen 28B (1969) 415, 596, 663
Wilsky, K., see H.L. Nielsen 30B (1969) 169
Wilsky, K., see P. Hornshøj 34B (1971) 591
Wilson, J.A., see P. Le Du 44B (1973) 390
Wilson, J.A., see W. Beusch 46B (1973) 477
Wilson, J.G., see D.M. Binnie 27B (1968) 106; 36B (1971) 257
Wilson, J.R., see D. Huwe 24B (1967) 252
Wilson, J.W., Intermediate energy nucleon-deuteron scattering theory 44B (1973) 125
Wilson, S.S., M.J. Longo, K.K. Young, R.P. Haddock, J.A. Helland, B.L. Schrock, D. Cheng, V. Perez-Mendez, Isospin invariance in the reaction $n + p \rightarrow \pi^0 + d$ 35B (1971) 83
Winbow, G.A., see E. Lehman 46B (1973) 372
Windmolders, R., see G. Bassompierre 25B (1967) 440; 26B (1968) 30; 27B (1968) 468
Windmolders, R., see M. Jobes 26B (1968) 49
Windmolders, R., see Y. Goldschmidt-Clermont 27B (1968) 602
Windmolders, R., see P.V. Chliapnikov 39B (1972) 279
Windmolders, R., see J.N. Carney 42B (1972) 124
Winfield, D., see J.M. Robson 40B (1972) 537
Winhold, E.J., see R.C. Martin 24B (1967) 33
Winhold, E.J., E.M. Bowey, D.B. Gayther, B.H. Patrick, Structure in the gamma-ray strength function of ^{119}Sn and ^{117}Sn 32B (1970) 607
Winiwarter, P., see W.I. Furman 44B (1973) 465
Winkelmann, F.C., see G.W. Brandenburg 44B (1973) 305
Winkelman, F.C., Comparison of the reactions $\pi^- p \rightarrow p + X$ and $pp \rightarrow p + X$ at 205 GeV/c 48B (1974) 273
Winkler, R., see G. Eisele 28B (1969) 256
Winnacker, A., see H. Ackermann 29B (1969) 485
Winstein, B., see M. Bott-Bodenhausen 40B (1972) 693
Winter, G., see K. Böckmann 28B (1969) 72
Winter, G., L. Funke, K.H. Kaun, P. Kemnitz, H. Sodan, Non-adiabatic effects in rotational bands of the odd proton nucleus ^{155}Tb 33B (1970) 161
Winter, G., see P. Kemnitz 39B (1972) 179
Winter, J., see H. Weigmann 30B (1969) 624
Winter, K., see M. Bott-Bodenhausen 23B (1966) 277; 24B (1967) 194, 438
Winter, K., see G. Neuhofer 37B (1971) 438; 38B (1972) 51; 39B (1972) 271; 41B (1972) 642
Winter, K., see M. Metcalf 40B (1972) 703
Winter, K., see H. Dibon 44B (1973) 313
Winter, K., see F. Niebergall 49B (1974) 103
Winter, N.J., see I.I.Y. Bigi 45B (1973) 384
Winternitz, P., see M. Sheftel 26B (1968) 241
Winther, A., see F. Boehm 21B (1966) 217
Winther, A., see J. Damgaard 23B (1966) 345
Winther, Aa., see K. Beyer 30B (1969) 296
Winther, A., see K. Alder 34B (1971) 357
Winther, A., see R.A. Broglia 40B (1972) 293; 45B (1973) 23
Winther, A., see B. Nilsson 47B (1973) 189
Winzeler, H., see M.M. Block 26B (1968) 464
Winzeler, H., see T.H.J. Bellm 33B (1970) 438
Wit, R., Low energy data, analyticity and the violation of Pomeranchuk's theorem 34B (1971) 211

Wit, R., see A. Białas 39B (1972) 211
Witcomb, R.C., see D.T. Chivers 26B (1968) 573
Witte, J., see G. Clausnitzer 25B (1967) 267
Witte, W., see S. Büttgenbach 43B (1973) 479
Wittek, W., see Y. Goldschmidt-Clermont 27B (1968) 602
Witten, T.R., see N.D. Gabitzsch 47B (1973) 234
Witten, T.R., see M. Furic 47B (1973) 241
Wittern, H.W., see J.M. Hansteen 24B (1967) 381
Wittern, H.W., On the break-up of ^{6}Li in the Coulomb-field 32B (1970) 441
Witherell, M.S., see G. Conforto 45B (1973) 154
Witthuhn, W., see J. Christiansen 35B (1971) 50
Witthuhn, W., see O. Häusser 45B (1973) 247
Wittkemper, G., see K. Auerbach 22B (1966) 199
Wittkemper, J., see K. Auerbach 23B (1966) 367
Wittkower, A.B., G. Ryding, P.H. Rose, Iodine negative ion production (1–4.5 MeV) by electron attachment in gases 29B (1969) 97
Wittmann, F., see A. Faessler 44B (1973) 127
Wittwer, G., see M. Tomaselli 29B (1969) 579
Wittwer, G., H.-G. Clerc, G.A. Beer, Properties of electromagnetic transitions in ^{13}C 30B (1969) 634
Wiza, J.L., see D.J. Crozier 41B (1972) 291
Wilczyński, J., Optimum Q-value in multinucleon transfer reactions 47B (1973) 124
Wilczyński, J., Nuclear molecules and nuclear friction 47B (1973) 484
Wohl, C.G., see M. Roos 33B (1970) 1
Wohlrab, K.S., Quasi-particle triples as exact solutions for a Lee-type model 23B (1966) 111
Woischnig, W., see M. Deutschmann 22B (1966) 112
Woischnig, W., see F. Crijns 22B (1966) 533
Wojcik, W., see J.V. Beaupre 37B (1971) 432
Wojcik, W., see O. Balea 39B (1972) 571
Wojcik, W., see Alma ... collaboration 48B (1974) 277
Wojtkowska, J., see V. Evseyev 28B (1969) 553
Wolbeck, B., see J. Fechner 26B (1968) 374
Wolf, A., see L. Birstein 26B (1968) 220
Wolf, A., see R. Moreh 36B (1971) 71
Wolf, G., see H.G. Hilpert 23B (1966) 707
Wolf, G., see G. Bassompierre 26B (1968) 30
Wolf, G., see M. Jobes 26B (1968) 49
Wolf, G., see R. Erbe 27B (1968) 54
Wolf, G., see Y. Goldschmidt-Clermont 27B (1968) 602
Wolf, G., see J. Ballam 30B (1969) 421
Wolf, G., see H.H. Bingham 41B (1972) 635
Wolf, G., see V. Eckhardt 43B (1973) 240
Wolf, H., U. Berg, K. Wienhard, The decay of the giant dipole resonance in ^{26}Mg to $T = 3/2$ states of ^{25}Mg 50B (1974) 244
Wolf, J., see K.-J. Biebl 37B (1971) 197
Wolf, K.L., J.P. Unik, Fissioning isomers of americium, curium and berkelium isotopes 38B (1972) 405
Wolf, K.L., J.P. Unik, The fissioning isomer ^{237}Np^{m} 43B (1973) 25
Wolfendale, A.W., see R. Craig 26B (1968) 468
Wolfendale, A.W., see P. Király 31B (1970) 410; 32B (1970) 510

Wolfenstein, L., E.M. Henley, Second class currents and mirror beta decays 36B (1971) 28
Wolfenstein, L., see G.V. Dass 38B (1972) 435
Wolff, B., B. Aubert, Study of π^+, γ angular distribution in the decay $K^+ \to \pi^+\pi^0\gamma$ 25B (1967) 624
Wolff, B., see J.C. Chollet 31B (1970) 658
Wolff, B., see K.R. Schubert 31B (1970) 662
Wolff, B., J.C. Chollet, J.-P. Repellin, J.M. Gaillard, M.R. Jane, K.R. Schubert, Further results on the inteference between the $\pi^0\pi^0$ decay K_L^0 and K_S^0 36B (1971) 517
Wolff, S., see R. Erbe 27B (1968) 54
Wölfi, W., R. Bösch, J. Lang, R. Müller, P. Marmier, Proton capture by deuterons 22B (1966) 75
Wölfi, W., see J. Hall 37B (1971) 53
Wölfi, W., see L. Jarczyk 39B (1972) 191
Wölfi, W., see U. Peyer 41B (1972) 151
Wolfson, J., see D.B. Bastien 50B (1974) 290
Wollersheim, H.J., W. Wilcke, Th. Elze, D. Pelte, Hexadecapole moments obtained by semi-classical and quantum mechanical analyses of Coulomb excitation 48B (1974) 323
Wollesen, S., see J. Bang 33B (1970) 395
Woloshyn, R.M., Soft photon theorem in potential scattering: Non-local potentials 49B (1974) 415
Wolsky, G., see C. Mayeur 33B (1970) 441
Wolsky, G., see P. Beillière 39B (1972) 671
Wolsky, G., see G. Wilquet 42B (1972) 372
Wolter, H.H., A. Faessler, P.U. Sauer, $T = 0$ proton-neutron pairing correlation in $N \pm Z$ light nuclei 31B (1970) 516
Wolter, H.H., see W.R. Coker 41B (1972) 237; 46B (1973) 27
Wolter, W., see E.V. Anzon 31B (1970) 237, 241
Wolter, W., see J. Babecki 40B (1972) 507; 47B (1973) 268
Wolters, G.F., see E.H. De Groot 26B (1968) 636
Wong, C.W., see D.M. Brink 33B (1970) 143
Wong, C.Y., Additional evidence of stability of the superheavy element $^{310}126$ according to the shell model 21B (1966) 688
Wong, C.Y., see G.A. Grin 25B (1967) 387
Wong, C.Y., Coulomb distortion and nuclear stiffness in superheavy-ion reactions 26B (1968) 120
Wong, C.Y., J. Bang, Penetration of a double barrier 29B (1969) 143
Wong, C.Y., Single-particle states for asymmetric fission 30B (1969) 61
Wong, C.Y., see A.S. Jensen 32B (1970) 567
Wong, C.Y., Shells in a simple anisotropic harmonic oscillator 32B (1970) 668
Wong, C.Y., Toroidal nuclei 41B (1972) 446
Wong, C.Y., Bubble nuclei 41B (1972) 451
Wong, C.Y., see K.T.R. Davies 41B (1972) 455
Wong, C.Y., Fusion threshold energy in heavy-ion reactions 42B (1972) 186
Wong, C.Y., T.A. Welton, Supersonic heavy-ion collisions 49B (1974) 243
Wong, E., see P.J. Twin 29B (1969) 570
Wong, J., see Y. Cho 32B (1970) 409
Wong, K.K., see L.J.B. Goldfarb 22B (1966) 310
Wong, M., see H. Meyer 33B (1970) 189
Wong, M., see G. Buschhorn 33B (1970) 241
Wong, S.K.M., see B. Giraud 32B (1970) 23
Wong, S.K.M., see W.Y. Ng 33B (1970) 545
Wong, S.K.M., A.P. Zuker, A simple coupling scheme for exact shell model calculations 36B (1971) 437

Wong, S.K.M., J.M.G. Gomez, A.P. Zuker, A truncation scheme for shell model spaces 42B (1972) 157
Wong, S.S.M., W.G. Davies, A shell model study of the structure of ^{56}Ni 28B (1969) 77
Wong, S.S.M., see D.J. Rowe 30B (1969) 147
Wong, S.S.M., D.J. Rowe, The giant dipole excitations of ^{12}C in the open shell Tamm-Dancoff approximation and in the intermediate-coupling shell model 30B (1969) 150
Wong, S.S.M., see P. Goode 32B (1970) 89
Wong, S.S.M., see J.B. French 33B (1970) 449; 35B (1971) 5
Wong, S.S.M., see N. Lo Iudice 37B (1971) 44
Wong, S.S.M., D.J. Rowe, J.C. Parikh, Calculations of the giant dipole resonance for sd-shell nuclei in the open-shell random phase approximation 48B (1974) 403
Woods, R., see J.C. Hafele 23B (1966) 579
Woods, T.J., G.J. Igo, C.A. Whitten, Jr., W. Dunlop, G.W. Hoffmann, A direct measurement of the total proton decay width of an isobaric analog state 34B (1971) 594
Woods, T.J., G.J. Igo, C.A. Whitten Jr., Evidence for energy dependence in the isospin dependent part of the nuclear optical model potential 39B (1972) 193
Woods, T.J., A model independent technique to determine relative proton strengths of isobaric analog states 43B (1973) 383
Woods, T.J., On the use of non-locality corrections in DWBA 46B (1973) 41
Woods, T.J., Isospin effects upon the decay of highly excited nuclear states 50B (1974) 302
Woody, R., see H.G. Pugh 46B (1973) 192
Woollam, P.B., R.J. Griffiths, A comment on the momentum mismatch in the ^{144}Sm$(\tau,\alpha)^{143}$Sm reaction 37B (1971) 13
Woosley, S.E., W.D. Arnett, D.D. Clayton, Astrophysical importance of the reaction ^{16}O$(p,\alpha)^{13}$N 38B (1972) 196
Worden, R.P., see R.J.N. Phillips 40B (1972) 239
Worden, R.P., Symmetries of Regg-Regge cuts 40B (1972) 260
Worledge, D.H., see J.B.A. England 30B (1969) 476
Worledge, D.H., see R. De Swiniarski 43B (1973) 27
Wormald, J.R., see P.S.L. Booth 26B (1968) 39; 32B (1970) 723
Wormald, M.R., see N.A. Jelley 40B (1972) 200
Wormald, J.R., see J.S. Barton 42B (1972) 297
Worthington, R.G., see K.J. Peach 35B (1971) 351
Worthington, R.G., see T. Eichten 40B (1972) 593
Wortman, W.R., see D. Bessis 39B (1972) 601
Woulds, J., see W.F. Baker 28B (1969) 291
Woulds, J.N., see E. Eisenhandler 47B (1973) 531, 536; 49B (1974) 201
Wouthuysen, S.A., see E. Mendels 43B (1973) 333
Wray, D., see J. Soffer 43B (1973) 514
Wray, J.J., see R.M. Brown 42B (1972) 117
Wright, I.F., see D. Branford 36B (1971) 456
Wroath, P.D., see B.J. Charles 40B (1972) 289
Wróblewski, A., see M. Bardadin-Otwinsowska 21B (1966) 357
Wróblewski, A., see S. Brandt 22B (1966) 109, 230
Wróblewski, A., see T. Hofmokl 31B (1970) 391
Wróblewski, A., A striking regularity in topologic cross sections for p–p and π^-–p collisions 32B (1970) 145
Wróblewski, A., see K. Boesebeck 34B (1971) 659
Wróblewski, A., see O. Balea 39B (1972) 571
Wrzecionko, J., see D. Chlebowska 25B (1967) 309; 32B (1970) 177

Wu, C.C., see M. Jacob 38B (1972) 85
Wu, C.C., see W.K. Chan 40B (1972) 651
Wu, C.C., see J.H. Schwarz 47B (1973) 453
Wu, C.-P., J.E.E. Baglin, F.W.K. Kirk, T.W. Phillips, Correlations in the energies and widths of structure observed in the reactions $^{40}Ca(\gamma, n_0)^{39}Ca$ and $^{40}Ca(\gamma, p_0)^{39}K$ 29B (1969) 359
Wu, C.P., F.W.K. Firk, B.L. Berman, Evidence for isospin splitting of the giant dipole state in ^{26}Mg 32B (1970) 675
Wu, C.S., see R.K. Bardin 26B (1968) 112
Wu, C.S., see Y.W. Chow 30B (1969) 171; 32B (1970) 682
Wu, C.S., see S.C. Cheng 34B (1971) 615
Wu, T.T., see H. Cheng 34B (1971) 647; 36B (1971) 241, 357; 41B (1972) 375; 44B (1973) 97, 283; 45B (1973) 367
Wurm, J.P., see H.L. Harney 26B (1968) 204
Wurm, J.P., see J.J. Simpson 27B (1968) 633; 28B (1969) 422
Wurm, J.P., see J. Solf 28B (1969) 413
Wurm, J.P., see E. Abramson 29B (1969) 304
Wurster, E.J., see H. Jacobs 29B (1969) 455
Wycech, S., see P. Möller 26B (1968) 418; 30B (1969) 223
Wycech, S., see J.R. Rook 39B (1972) 469
Wynroe, A.J., see M.G. Albrow 29B (1969) 54; 33B (1970) 516

Xuong, N.-H., see M.A. Abolins 21B (1966) 584
Xuong, N.-H., see L. Dobrzynski 22B (1966) 105; 23B (1966) 614

Yabuki, H., see K. Kawarabayashi 28B (1969) 432
Yabuki, H., see D. Schiff 35B (1971) 589
Yadrovsky, E.L., see V.V. Balashov 22B (1966) 507, 509; 25B (1967) 67
Yadrowski, E.L., see R.M. Osokina 40B (1972) 161
Yaffe, D., see G. Yekutieli 34B (1971) 101
Yaffe, D., see V. Chaloupka 44B (1973) 211
Yaffe, D., see J. Louie 48B (1974) 385
Yager, P., see J. Field 24B (1967) 638
Yaghoobia, I., see B. Budick 34B (1971) 539
Yagi, K., Effective proton-neutron interactions in the nuclei of $90 \leqslant A \leqslant 140$ 28B (1969) 455
Yagi, K., Y. Aoki, J. Kawa, K. Sato, Strong $L = 0$ and 2 transitions in (p,t) reactions in even-mass Nd isotopes 29B (1969) 647
Yagi, K., K. Sato, Y. Aoki, Coupled particle-pairing vibrational excitations in ^{141}Nd and ^{143}Nd by the (p,t) reaction 37B (1971) 369
Yagi, K., see M. Matoba 44B (1973) 159
Yagi, K., Y. Aoki, C. Rangacharyulu, K. Matoba, M. Hyakutake, J. Nidome, Effect of inelastic scattering processes on (p,t) reactions exciting the first 2^+ states in Te, Sn and Cd isotopes 44B (1973) 447
Yagi, K., see M. Matoba 45B (1973) 463
Yalçin, C., N. Birsen, Charge asymmetry in two nucleon interaction 33B (1970) 203
Yamada, E., see Y. Akiyama 35B (1971) 314
Yamada, M., see Y. Ohnuki 36B (1971) 51
Yamada, M., see N. Sakai 37B (1971) 505
Yamaguchi, H., see H. Taketani 27B (1968) 625
Yamaguchi, H., see T. Mikumo 23B (1966) 586
Yamaji, S., see T. Kammuri 39B (1972) 327
Yamaki, T., see K. Nisimura 30B (1969) 612
Yamaki, T., see S. Arai 40B (1972) 426
Yamamoto, S., see D. Berley 30B (1969) 430
Yamamura, M., see T. Marumori 25B (1967) 249
Yamanouchi, T., see J. Berlinghieri 27B (1968) 665
Yamartino, R.J., see G.W. Brandenburg 44B (1973) 305
Yamashita, N., see Y. Hemmi 43B (1973) 79
Yamaya, T., T. Horiguchi, S. Morita, K. Miura, The l_n-dependence of excitation functions for the ^{89}Y(d,p)^{90}Y reaction below the Coulomb barrier 39B (1972) 182
Yamazaki, T., G.T. Ewan, Isomeric states in the 3 to 500 nanosecond range populated by (α, xn) reactions 24B (1967) 278
Yamazaki, T., see S. Nagamiya 33B (1970) 574
Yamazaki, T., see Y. Yamazaki 44B (1973) 440
Yamazaki, Y., S. Nagamiya, T. Nomura, K. Nakai, T. Yamazaki, Magnetic moment of a core-excited isomeric state in ^{210}Po 44B (1973) 440
Yamdagni, N., see J.N. Carney 42B (1972) 124
Yamdagni, N.K., S. Ljung, Factorization of the diffraction dissociation amplitude in four-body final states 37B (1971) 117
Yamdagni, N.K., see P.S. Gregory 43B (1973) 228
Yang, C.N., C.P. Yang, Erratum 21B (1966) 719
Yang, C.P., see C.N. Yang 21B (1966) 719

Yang, S.N., A.D. Jackson, ^{3}H and ^{3}He form factors with the Reid potential 36B (1971) 1
Yang, S.N., see E. Hadjimichael 39B (1972) 549
Yang, S.N., see C.B. Dover 50B (1974) 217
Yang, T.C., see V.S. Mathur 35B (1971) 599
Yang, T.C., Lepton and quark symmetry in weak and electromagnetic interactions 41B (1972) 62
Yang, T.C., Partially conserved axial-vector current and deep-inelastic electron scattering 41B (1972) 73
Yano, A.F., see H.P.C. Rood 35B (1971) 59
Yano, A.F., F.B. Yano, H.P.C. Rood, The extended nucleon and pion propagators in radiative muon capture 37B (1971) 189
Yano, F.B., see A.F. Yano 37B (1971) 189
Yao, Y.P., see R. Carroll 48B (1974) 125
Yap, C.T., see M. Tint 29B (1969) 289
Yarba, V.A., see Yu.A. Batusov 22B (1966) 487
Yarger, H., see Y. Cho 32B (1970) 409
Yarmukhamedov, R., see E.I. Dolinsky 33B (1970) 147
Yasue, M., see S. Kubono 49B (1974) 37
Yasumi, S., see Y. Hemmi 32B (1970) 137; 43B (1973) 79
Yasuo Hara, Spin independence of total cross sections 23B (1966) 696
Yazaki, K., see M. Tanifuji 30B (1969) 140
Yazaki, K., see Y. Horikawa 42B (1972) 173
Yazaki, K., see M. Igarashi 42B (1972) 323
Yazaki, K., see T. Matsuura 46B (1973) 17
Yazaki, S., see Y. Iwasaki 39B (1972) 361; 45B (1973) 263
Yazaki, S., The inclusive K/π production ratio in the central region 43B (1973) 225
Yeager, W.M., see M.E. Binkley 45B (1973) 295
Yearian, M.R., see R.F. Frosch 21B (1966) 598; 24B (1967) 54
Yearian, M.R., see G.C. Li 37B (1971) 282
Yegorov, A.I., see A.A. Vorobiev 30B (1969) 322
Yeh, N., see C. Baltay 25B (1967) 160; 42B (1972) 129
Yekitieli, G., Sh. Rotter, Limiting fragmentation and the muon charge ratio at sea level 47B (1973) 36
Yekutieli, G., see R. Barloutaud 26B (1968) 674
Yekutieli, G., see J. Goldberg 30B (1969) 434
Yekutieli, G., D. Yaffe, A. Shapira, E.E. Ronat, L. Lyons, U. Karshon, Y. Eisenberg, ρ^0 production in pn collisions at 6.98 GeV/c 34B (1971) 101
Yekutieli, G., see Y. Eisenberg 34B (1971) 439; 43B (1973) 149; 48B (1974) 354
Yekutieli, G., see E. Hirsch 36B (1971) 139
Yellin, J., see C. Schmid 27B (1968) 19
Yellin, J., see T.H. Duong 27B (1968) 565
Yellin, S., see V. Eckhardt 43B (1973) 79
Yen, C.S., see Y.W. Chow 32B (1970) 682
Yen, W.L., see R.L. Eisner 28B (1969) 356
Yen, W.L., see D.H. Miller 29B (1969) 255
Yen, W.L., see A.F. Garfinkel 33B (1970) 536
Yen, W.L., see A.C. Ammann 34B (1971) 533
Yeremenko, L., see Alma ... collaboration 48B (1974) 277
Yergin, P.F., see R.C. Martin 24B (1967) 33
Yermakov, O.N., see Yu.G. Abov 27B (1968) 16

Yerofeev, I.A., see M.S. Dubovikov 23B (1966) 716
Yesian, H.J., see P.D. Ting 35B (1971) 321
Yesian, H.J., see D. Silverman 35B (1971) 427
Yesian, H.J., see M. Bashari 38B (1972) 312
Yesian, H.J., Inclusive bootstrap constaints on diffraction dissociation 40B (1972) 211
Yester, M.V., see A.A. Caretto, Jr. 44B (1973) 459
Yester, M.V., A.A. Caretto Jr., M. Kaplan, P.J. Karol, R.L. Klobuchar, Cross section of (π^+, $\pi^+n + \pi^0p$) reaction on ^{12}C at the (3/2, 3/2) resonance 45B (1973) 327
Yetch, F.A., see V.D. Antopolsky 28B (1969) 220, 223
Yetch, F.A., see Yu.M. Antipov 29B (1969) 245; 30B (1969) 576; 34B (1971) 164
Yger, P.M., see M.A. Abolins 21B (1966) 584
Ying, S.P., C.W. Akerlof, D.I. Meyer, S.M. Pruss, J. Lales, R.A. Lundy, D.R. Rust, C.E.W. Ward, D.D. Yovanovich, Differential cross section of the reaction $\pi^+ + p \rightarrow K^+ + Y^*$ (1385) at 4.0 and 5.05 GeV/c 30B (1969) 289
Yiou, F., see J. Lestringuez 36B (1971) 331
Yndurain, F.J., Asymptotic estimate of forward dispersion relations in the presence of Regge cuts 27B (1968) 581
Yndurain, F.J., Positive double spectral functions are incompatible with the existence of the f(1260) resonance 29B (1969) 125, 326
Yndurain, F.J., Absolute bound on cross-sections at all energies and without unknown constants 31B (1970) 368, 620
Yndurain, F.J., see C. López 41B (1972) 183
Yndurain, F.J., Improvement of the Froissart bound: Cross-sections essentially constant up to ISR energies 41B (1972) 591
Yoccoz, J., S. Jang, *T*-forbidden electric dipole transition in ^{16}O 24B (1967) 9
Yoder, N.R., see M.D. Miller 30B (1969) 157
Yodh, G.B., see X. Artru 40B (1972) 43
Yoh, J.K., see F.W. Büsser 46B (1973) 471; 48B (1974) 371, 377
Yokosawa, A., see B.A. Barnett 34B (1971) 655
Yonnet, J., see S. Kullander 34B (1971) 197
Yoon, T.S., P. Berenyi, A.W. Key, J.D. Prentice, N.R. Steenberg, W.D. Walker, Evidence for N^* resonances of masses 2080 and 2190 MeV 24B (1967) 307
Yoshida, H., see T. Takemasa 46B (1973) 313
Yoshida, H., The reaction $^{12}C(^{16}O, ^{20}Ne)^8Be$ and the structure of ^{20}Ne 47B (1973) 411
Yoshida, K., see S. Arai 40B (1972) 426
Yoshida, S., see T. Yukawa 33B (1970) 334
Yoshida, S., see A. Arima 40B (1972) 15
Yoshida, S., Wave packets and analysis of lifetime measurements of compound nuclei 45B (1973) 324
Yoshida, Y., see H. Taketani 26B (1968) 660; 27B (1968) 222, 499; 28B (1969) 37
Yoshikawa, N., see M. Ishihara 35B (1971) 398
Yoshiki, H., see R. Arnold 28B (1969) 56
Yoshiki, H., see I.A. Budagov 28B (1969) 215; 29B (1969) 524; 30B (1969) 364
Yoshimura, M., Operational factorization and symmetry of the Shapiro-Virasoro model 34B (1971) 79
Yost, G.P., see H.H. Bingham 41B (1972) 635
Yotch, F.A., see Y.M. Antipov 40B (1972) 147
Young, A.M., see E. Ventura 46B (1973) 364
Young, E.F., see R.I. Gayley 21B (1966) 720

Young, F.C., see C.E. Steerman 27B (1968) 8
Young, F.C., see R.A. Lindgren 37B (1971) 358
Young, H.J., J. Rapaport, The ^{58}Ni(^{3}He,p)^{60}Cu reaction 26B (1968) 143
Young, J.C., see G. Paić 32B (1970) 437
Young, J.C., see D.J. Margaziotis 37B (1971) 263
Young, J.C., A.B. Holman, I. Šlaus, T.A. Cahill, The reaction ^{12}C(d, ^{7}Li)^{7}Be as an experimental test of the Barshay-Temmer isospin theorem 37B (1971) 377
Young, K., Low moments of current algebra at infinite momentum 34B (1971) 88
Young, K., Saturation of density-charge algebra 38B (1972) 241
Young, K.K., see S.S. Wilson 35B (1971) 83
Young, P.G., M. Ivanovich, Deuteron tensor polarization in p-d elastic scattering 23B (1966) 361
Youngblood, D.H., G.C. Morrison, R.E. Segel, Lowest $T = \frac{3}{2}$ state in ^{29}P 22B (1966) 625
Yount, D., see R. Cester 21B (1966) 343
Yount, D., see M. Davier 28B (1969) 619
Yovanovic, D.D., see M.G. Albrow 33B (1970) 516
Yovanovitch, D.D., see S.P. Ying 30B (1969) 289
Yovanovitch, D.D., see C.E.W. Ward 48B (1974) 471
Ypsilantis, T., see P. Baillon 50B (1974) 377, 383, 387
Ysachev, L.N., see N.S. Rabotnov 26B (1968) 218
Yu, L., see M. Kaku 33B (1970) 166
Yuan, L.C.L., see S. Prünster 28B (1969) 47
Yuan, L.C.L., C.L. Wang, H. Uto, S. Prünster, Energy dependence of X-ray transition radiation from ultrarelativistic charged particles 31B (1970) 603
Yuan, L.C.L., H. Uto, G.F. Dell Jr., P.W. Alley, Relativistic particle separation by means of transition utilizing multiwire proportional chambers 40B (1972) 689
Yuan, L.C.L., see A. Bamberger 43B (1973) 153
Yuasa, T., see F. Takeutchi 35B (1971) 498
Yudin, N.P., see N.G. Goncharova 29B (1969) 272
Yudin, N.P., see F.A. Zhivopistsev 31B (1970) 347
Yudin, N.P., see Yu.I. Bely 39B (1972) 335
Yukawa, T., S. Yoshida, An alpha-cluster model calculation of ^{12}C 33B (1970) 334
Yukawa, T., A shell model calculation of the ^{16}O + ^{16}O potential 38B (1972) 1
Yuladashev, A., see O. Balea 39B (1972) 571
Yuldashev, A., see Alma ... collaboration 48B (1974) 277
Yulashev, B., see O. Balea 39B (1972) 571
Yuldashev, B., see Alma ... collaboration 48B (1974) 277
Yunn, B.C., see G. Domokos 46B (1973) 83
Yushin, Yu.Ya., High energy pair annihilation $e^+ + e^- \to 2\gamma$ 24B (1967) 291
Yuta, H., see J.C. Berlinghieri 27B (1968) 665
Yuta, H., see W.M. Katz 31B (1970) 329
Yuta, H., see S.L. Stone 32B (1970) 515
Yvert, M., see P. Bonamy 23B (1966) 501
Yvert, M., see M. Metcalf 40B (1972) 703
Yvert, M., see G. Neuhofer 39B (1972) 271; 41B (1972) 642
Yvert, M., see F. Niebergall 49B (1974) 103

Zabolitzky, J.G., see M. Gari 35B (1971) 19
Zabolitzky, J.G., see M. Fink 38B (1972) 189
Zabolitzky, J.G., Triple self consistent solution of the three-particle Bethe-Faddeev, and Brueckner–Hartree–Fock equations 47B (1973) 487
Zaccone, H., see M. Banner 41B (1972) 547; 44B (1973) 537
Zachariasen, F., see J.S. Ball 30B (1969) 558; 31B (1970) 583; 40B (1972) 411; 41B (1972) 525
Zachariasen, F., see D.P. Roy 34B (1971) 512
Zachariasen, F., see J. Finkelstein 34B (1971) 631
Zacharov, B., see L.W. Jones 21B (1966) 590
Zacharova, V.P., see B.G. Erozolimsky 27B (1968) 557; 33B (1970) 351
Zahn, U., see H. Hofmann-Reinecke 47B (1973) 494
Zahn, W., see D. Clement 48B (1974) 183
Zahniser, D., see M. Bott-Bodenhausen 40B (1972) 693
Zahrádnik, W., see L. Lassen 24B (1967) 338
Zaiachki, V.I., see Kh.M. Chernev 36B (1971) 266
Zaidi, S.A.A., see C.F. Moore 22B (1966) 616
Zaidi, S.A.A., P. Von Brentano, Influence of the charge exchange process on the (d,p) stripping cross sections 23B (1966) 466
Zaidi, S.A.A., see G.W. Hoffmann 41B (1972) 47
Zaidi, S.A.A., Y.L. Tyan, Treatment of continua in the shell-model theory of nuclear reactions 50B (1974) 305
Zaidins, C.S., see C. Détraz 34B (1971) 128
Zaikin, D.A., On the rigidity parameters of the octupole vibrations in ^{19}F 22B (1966) 158
Zaikine, D., see B. Giraud 37B (1971) 25
Zajtzev, A.M., see Yu.M. Antipov 29B (1969) 245; 30B (1969) 576
Zakharchenko, I.E., see V.F. Demin 49B (1974) 217
Zakharov, V.I., see A.D. Dolgov 24B (1967) 425; 37B (1971) 298; 46B (1973) 70; 47B (1973) 258; 48B (1974) 43; 49B (1974) 455
Zakharov, V.I., see L.A. Kondratyuk 27B (1968) 655
Zakharov, V.I., see Yu. Kobsarev 30B (1969) 488
Zakharov, V.I., see E.G. Bogomolny 38B (1972) 45
Zakrzewski, W.J., see I.T. Drummond 28B (1969) 676
Zakrzewski, W.J., see D.I. Olive 30B (1969) 650
Zakrzewski, W.J., Pionization structure function 40B (1972) 645
Zakrzewski, W.J., see F. Henyey 42B (1972) 431
Zalesny, G.N., see O.V. Vasilijev 30B (1969) 97
Zalewski, K., see J. Bartke 24B (1967) 163
Zalewski, K., see J. Bartsch 25B (1967) 48
Zalewski, K., see A. Bialas 26B (1968) 170, 513; 28B (1969) 436; 30B (1969) 109; 39B (1972) 211; 45B (1973) 337
Zalewski, K., see A. Kotański 29B (1969) 596
Zalite, Yu.K., see A.A. Vorobyov 30B (1969) 322; 40B (1972) 102; 41B (1972) 639
Zallo, A., see C. Bacci 28B (1969) 687; 39B (1972) 559; 44B (1973) 530, 533
Zamich, L., see Ph. Goode 43B (1973) 183
Zamick, L., Beta decay calculations with Kuo's realistic matrix elements 21B (1966) 194
Zamick, L., see G. Ripka 23B (1966) 347, 350
Zamick, L., see G. Sartoris 25B (1967) 5
Zamick, L., see S. Siegel 28B (1969) 450, 953; 29B (1969) 583

Zamick, L., Energies of monopole vibrations 31B (1970) 160
Zamick, L., Hindrance of M1 transitions despite configuration mixing 34B (1971) 472
Zamick, L., Monopole core polarization 39B (1972) 471
Zamick, L., Nuclear compressibility 45B (1973) 313
Zamick, L., Mass parameter of the breathing mode state 47B (1973) 119
Zander, D.R., see R.M. Brown 42B (1972) 117
Zanella, P., see A.M. Cnops 22B (1966) 546; 26B (1968) 398
Zanella, P., see P. Astbury 23B (1966) 396
Zanevsky, Yu.V., see V.K. Birulev 38B (1972) 452
Zaorska, J., see J. Bartke 24B (1967) 118, 163
Zaretsky, D.F., see M.G. Urin 28B (1969) 10; 48B (1974) 176
Zarmi, Y., see H. Harari 32B (1970) 291
Zarmi, Y., The dual absorptive model and unitarity 37B (1971) 393
Zarmi, Y., see D. Faiman 43B (1973) 307
Zaslavsky, A.N., see V.I. Ogievetsky 35B (1971) 69
Zaslavsky, A.N., see I.G. Aznauryan 39B (1972) 226
Zatsepin, G.T., see V.S. Beresinsky 28B (1969) 423
Zavialov, O.I., see A.A. Slavnov 22B (1966) 686
Zavattini, E., see A. Alberigi Quaranta 25B (1967) 429
Zavattini, E., see S. Buniatov 25B (1967) 560
Zavattini, E., see A. Placci 32B (1970) 413
Zavattini, E., see I.M. Blair 32B (1970) 528
Zavattini, E., see D. Schmitt 32B (1970) 638
Zavattini, E., see J. Bailey 33B (1970) 369
Zavattini, E., see F.W. Büsser 46B (1973) 471; 48B (1974) 371, 377
Zawislak, F.C., see J.D. Bowman 29B (1969) 226
Zawislak, F.C., D.D. Cook, M. Levanoni, Internal magnetic fields at Hg and Tl in ferromagnets 30B (1969) 541
Zayachki, V.I., see G.G. Beznogikh 30B (1969) 274; 39B (1972) 411 43B (1973) 85
Zaytzev, A.M., see Yu.M. Antipov 34B (1971) 164
Zaytzev, A.M., see S.V. Golovkin 42B (1972) 136
Zdanis, R.A., see C.D. Buchanan 32B (1970) 396; 33B (1970) 623; 37B (1971) 213
Zdanis, R.A., see C.-Y. Chien 33B (1970) 627; 35B (1971) 261
Zdanis, R.A., see E. Dally 41B (1972) 647
Zdanis, R., see J. Anderson 45B (1973) 521
Zech, G., see A. Fridman 21B (1966) 462; 23B (1966) 386
Zech, G., see F. Eisele 37B (1971) 204
Zech, G., see S. Gjesdal 40B (1972) 152; 44B (1973) 217
Zech, G., see M. Baggett 42B (1972) 379
Zech, G., see C. Geweniger 48B (1974) 483, 487
Zeh, H.D., see J.P. Amiet 25B (1967) 305
Zehnder, A., see H.K. Walter 40B (1972) 197
Zehnder, A., see R. Link 42B (1972) 57
Zeidman, B., see H.T. Fortune 30B (1969) 175
Zeidman, B., see J.R. Comfort 32B (1970) 685
Zeitnitz, B., see L. Lassen 24B (1967) 338
Zeitnitz, B., R. Maschuw, P. Suhr, Neutron-neutron scattering length from a complete experiment on the reaction D(n, 2n)H 28B (1969) 420

Zeitz, W., see J. Bleck 32B (1970) 41
Zeldovich, O., see A. Babaev 38B (1972) 342
Zeldovich, O.Ya., see V.D. Antopolsky 28B (1969) 220, 223
Zeldovich, Ya.B., see I.Yu. Kobsarev 50B (1974) 340
Zelenskaya, N.S., see V.G. Neudatchin 27B (1968) 490
Zelevinsky, V.G., see M.I. Stockmann 41B (1972) 19
Zell, H., see R. Jahr 25B (1967) 113
Zeller, A.F., see R. Holub 43B (1973) 375
Zender, M.J., see S.R. Amtey 23B (1966) 581
Zerilli, F., see M. Johnson 49B (1974) 185
Zerwas, P., see T.F. Walsh 44B (1973) 195
Zevgalatakos, E., see J.R. Fry 41B (1972) 539; 43B (1973) 146
Zgliński, A., see T. Kołowski 50B (1974) 222
Zgrablich, G., see D.R.O. Bruno 43B (1973) 304
Zhdanov, G.B., see E.V. Anzon 31B (1970) 237
Zheleznova, K.M., see R.V. Jolos 27B (1968) 614
Zhidkov, N.K., see G.G. Beznogikh 30B (1969) 274; 39B (1972) 411
Zhivopistsev, F.A., N. El Nagar, K.V. Shitikova, N.P. Yudin, M.Y. Akbary, One more source of the additional structure of dipole resonances 31B (1970) 347
Zhukov, M.V., see B.A. Khrylin 29B (1969) 538
Zhukov, M.V., see V.D. Efros 37B (1971) 18
Zhuravlev, O.S., see B.P. Konstantinov 27B (1968) 30
Zhuravlev, V.I., see V.A. Meshcheriakov 25B (1967) 341
Zhuravleva, L.I., see M.N. Khachaturyan 24B (1967) 349
Zhuravleva, L.I., see R.G. Astvacaturov 27B (1968) 45
Zhusupov, M.A., E.Zh. Magzumov, V.I. Markov, On the role of the exchange processes in quasi-free deuteron knock-out reactions 48B (1974) 84
Zichichi, A., see V. Alles-Borelli 36B (1971) 149; 40B (1972) 433
Zichichi, A., see M. Basile 38B (1972) 117
Zichichi, A., see P. Dalpiaz 42B (1972) 377
Zichichi, A., see S.A. Gabriele 42B (1972) 504
Zichichi, A., see M. Bernardini 44B (1973) 393; 45B (1973) 169, 150; 46B (1973) 261
Ziegelmann, H., see F. Sohre 34B (1971) 579
Ziegler, B., see J. Ahrens 31B (1970) 570
Ziegler, J.F., see G.A. Peterson 21B (1966) 543
Zielińska-Pfabe, M., see D. Chlebowska 25B (1967) 309; 32B (1970) 177
Zielińska-Pfabé, M., γ-vibration of the uniformly charged ellipsoidal drop 29B (1969) 280
Zielińska-Pfabé, M., Gamma-vibration of nuclei at equilibrium and saddle point 33B (1970) 153
Zielińska-Pfabe, M., see J. Bocki 42B (1972) 415
Zielińska-Pfabé, M., S. Gabrakov, Calculation of the properties of quadrupole vibrational states for shape isomers 44B (1973) 405
Zielinska-Pfabé, M., K. Dietrich, Angular momentum distribution of fission fragments as a result of bending modes at the scission point 49B (1974) 123
Zieliński, P., see T. Siemiarczuk 24B (1967) 675
Zieliński, W., see S. Brandt 22B (1966) 230
Zieliński, W., see J. Bartke 24B (1967) 118, 163
Zielinski, W., see O. Balea 39B (1972) 571
Zieminska, D., Probability of formation of Σ hyperonic atoms in various elements 37B (1971) 403

Zieminski, A., see O. Balea 39B (1972) 571
Zieminski, A., see V. Chaloupka 44B (1973) 211
Zieminski, A., see J. Louie 48B (1974) 385
Ziga, W., see D. Türck 49B (1974) 335
Zikarjeva, T., see G. Drukarev 22B (1966) 719
Zimány, J., see B. Gyarmati 50B (1974) 316
Zimányi, B. Gyarmati, Charge-exchange in the (d,p) stripping reaction 27B (1968) 120
Zimányi, J., see B. Gyarmati 28B (1969) 363; 35B (1971) 549
Zimányi, J., J.P. Bondorf, Exact *S*-matrix for non-degenerate thresholds 32B (1970) 159
Zimányi, J., I. Halpern, V.A. Madsen, On the effective charge factor for the radiative capture of fast nucleons 33B (1970) 205
Zimányi, J., B. Gyarmati, Line broadening around threshold 41B (1972) 571
Zimányi, J., see P. v. Brentano 46B (1973) 177
Zimmerman, W., see G. Buschhorn 33B (1970) 241
Zimmermann, W., see L. Criegee 28B (1969) 140, 282
Zimmermann, W., see G. Buschhorn 37B (1971) 207, 211
Zinn-Justin, J., see J.L. Basdevant 27B (1968) 230
Zinovjev, G.M., see V.A. Miransky 35B (1971) 222; 43B (1973) 73
Zinovjev, G.M., see M.I. Gorenstein 45B (1973) 575
Zint, P.G., see K.H. Passler 47B (1973) 419
Ziock, K., see A. Placci 32B (1970) 413
Ziock, K., see J. Bailey 33B (1970) 369
Ziock, K.O.H., C. Cernigoi, G. Gorini, Pion capture in ^{4}He 33B (1970) 471
Ziock, K.O.H., see P.J. Castleberry 34B (1971) 57
Ziock, K.O.H., see E.V. Shrum 37B (1971) 115
Zipf, T.F., see S.M. Flatté 35B (1971) 345
Zipf, T.F., see W.T. Toner 36B (1971) 251
Zisman, M.S., see C.C. Lu 27B (1968) 217
Zissermann, D., see C.A. Pearson 35B (1971) 461
Žofka, J., G. Ripka, Deformations of light nuclei in the total density approximation 34B (1971) 10
Žofka, J., Spurious center-of-mass effect in the local density approximation 40B (1972) 319
Zolin, L.S., see A.A. Nomofilov 22B (1966) 350
Zolin, L.S., see G.G. Beznogikh 30B (1969) 274; 39B (1972) 411; 43B (1973) 85
Zolnowski, D.R., see Y. Gono 49B (1974) 338
Zolotorev, M.S., see I.I. Gurevich 38B (1972) 549
Zombkovskaya, N.K., see V.V. Barmin 33B (1970) 377; 35B (1971) 604; 46B (1973) 465; 47B (1973) 463
Zorn, G.T., see R.C. Smith 32B (1970) 133
Zovko, N., Determination of the NYK coupling constants 23B (1966) 143
Zheleznova, K.M., see R.V. Jolos 25B (1967) 393
Zsembery, J., see M. Banner 21B (1966) 582; 25B (1967) 300, 569; 41B (1972) 547; 44B (1973) 537
Zucker, P.A., see P.L. Pritchett 27B (1968) 168
Zuker, A.P., see S.K.M. Wong 36B (1971) 437; 42B (1972) 157
Zuker, A.P., see M. Soyeur 41B (1972) 135
Zumino, B., Phenomenological method for kaon interactions 25B (1967) 349
Zumino, B., see G.C. Wick 25B (1967) 479
Zumino, B., see J. Ellis 34B (1971) 91
Zumino, B., see J. Wess 37B (1971) 95; 49B (1974) 52
Zupančič, C., see J. Favier 25B (1967) 409; 31B (1970) 609

Zu Putlitz, G., see F. Ackermann 26B (1968) 367
Zu Putlitz, G., see H. Ackermann 41B (1972) 143
Zurmühle, R.W., D.P. Balamuth, L.K. Fifield, J.W. Noé, Concerning high-spin negative parity states in ^{20}Ne 44B (1973) 453
Zvonov, V.S., see V.K. Lukyanov 29B (1969) 535
Zweig, G., see J. Mandula 37B (1971) 109
Zylberajch, S., see P. Basile 26B (1968) 542; 28B (1969) 58
Zylberajch, S., see F. James 35B (1971) 265
Zylberszteijn, A., see P. Basile 26B (1968) 542; 28B (1969) 58; 36B (1971) 619
Zylbersztejn, A., see M. Bourquin 36B (1971) 615
Zylbersztejn, A., P. Basile, M. Bourquin, J.P. Boymond, A. Diamant-Berger, P. Extermann, P. Kunz, R. Mermod, H. Suter, R. Turlay, Further results on K_{e4} decay and energy dependence of low-energy-$\pi\pi$-phase shift 38B (1972) 457